



A Donaldson Company

A WORLD LEADER IN FUME  
EXTRACTION TECHNOLOGY

## PRODUCT RANGE

Laser

Electronics

Printing

Additive manufacturing  
/ 3D printing

Mechanical  
engineering

Dental

Pharmaceutical  
& medical



Over 35 years of excellence 4

How to buy from BOFA 8

Laser 10

Electronics 18

Printing 26

Additive manufacturing / 3D printing 30

Mechanical engineering 35

Dental 40

Pharmaceutical & medical 45

Accessories 49

The future 53

FUME AND DUST EXTRACTION SYSTEMS



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

# BOFA IS A MULTI-AWARD-WINNING WORLD LEADER IN PORTABLE FUME EXTRACTION AND FILTRATION TECHNOLOGY.

We design, develop and manufacture systems for a wide range of industrial sectors and applications.

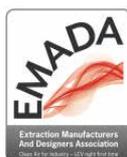
Our products are a very important part of your environment, health, and safety programme as they help to filter potentially harmful dust and fumes, which may be generated during industrial processes, while minimising disruption to production.

## WHY BOFA

- ✓ Over 35 years' **experience**
- ✓ **Unrivalled** knowledge in portable fume and dust extraction and filtration
- ✓ **Innovative** world-class systems
- ✓ High-**quality**, affordable systems
- ✓ **Dedicated** in-house capabilities
- ✓ **Global** network
- ✓ Helping to keep the world working **safely**
- ✓ Continual **investment**
- ✓ **Environmental** policy
- ✓ A **Donaldson** company

## OUR PRODUCTS

- ✓ **Fast** and **easy** to install
- ✓ **Low** level noise
- ✓ Clean and energy **efficient**
- ✓ **Compact** designs with small footprint
- ✓ **Long-life** filters with **low** replacement costs
- ✓ **Patented** software and filter technology
- ✓ Highest **quality** standards, including our own SureCHECK standard
- ✓ **Global** systems suitable for a wide range of applications
- ✓ **Award** winning



BOFA is proud to be a Donaldson company. Founded in 1915, Donaldson is a global leader in the filtration industry with sales, manufacturing and distribution locations around the world.



**We apply our extensive knowledge to constantly find new methods to allow customers to help protect both their employees and the environment whilst reducing energy consumption and downtime.**

This is essential when striving to satisfy today's ever-increasing demand for low operating costs and the challenges presented through the development of new materials and processes.

Our systems help to filter potentially hazardous particles and fumes before the air is recirculated back into the production environment.

We develop reliable, simple to use and cost-effective products that meet and exceed global health and safety legislation, encouraging green initiatives and environmental good practices throughout our manufacturing process.

Our in-house approach provides our customers with the peace of mind that specialist advice and knowledge will always be at hand to deliver timely and effective products, from the initial research and development to our comprehensive pre and post-sales support.

## QUALITY MANUFACTURING

Our philosophy is to maintain control of supply and quality standards throughout the entire manufacturing process of our products. We have an extensive range of portable fume extraction systems to satisfy a broad range of applications - from single-user systems to units that pack a heavyweight punch with unsurpassed filter capacity, high performance, and everything in between. All made to the highest international manufacturing standards.

*Est*  
**1987**

**OVER 35 YEARS**  
OF EXCELLENCE

*Ours is an unrivalled heritage of providing portable fume extraction systems throughout the world.*

<b>1987</b> BOFA UK Ltd founded	<b>2003</b> ADVANTAGE range launched	<b>2004</b> Name changes to BOFA International Ltd.	<b>2007</b> PrintPRO range launched	<b>2008</b> BOFA Americas Inc. formed	<b>2011</b> DentalPRO & FumeCAB ranges launched	<b>2012</b> Win Queen's Award: International Trade iQ launched
------------------------------------	---	--	--	--	--	---

# KNOWLEDGE AND INNOVATION

Our dedicated team has a wealth of knowledge within our field which is established and trusted by all sizes of business, from global market leaders to niche producers in a wide cross section of industries.

Innovation is at the heart of everything we do and we have the ability to develop systems to suit our customers' requirements. But we also have the flexibility to develop bespoke systems to suit our customers' requirements. Our programme of ongoing investment in research and development allows us to continuously improve products and pioneer new cutting-edge technologies, bringing the best and latest developments to our portfolio.

## SURECHECK QUALITY STANDARD

OUR QUALITY PROMISE TO YOU



We take a progressive approach to quality, health and safety, and environmental management.

Our commitment in each of these areas is embedded through our own SureCHECK quality standard, setting the guiding principles for how we operate.

**Our SureCHECK quality standard is applied to every product we make.**

- We comply with all applicable laws and regulations.
- We pursue a pathway of continuous improvement.
- We make the best use of management resources in all quality matters.
- We communicate our quality objectives and our performance throughout the organization and to interested parties.
- We ensure that activities are safe for employees, associates, and others who come into contact with our work.
- We work closely with our customers and suppliers to establish the highest quality standards.
- We adopt a forward-looking view of business decisions with quality implications.
- We train our staff in the needs and responsibilities of quality management.

<p><b>2014</b> 3D PrintPRO range launched</p>	<p><b>2017</b> Win Queen's Award: Innovation</p>	<p><b>30 Years</b> <b>2018</b> New global head office &amp; Centre of Excellence opened Acquired by Donaldson Inc.</p>	<p><b>2020</b> BOFA Academy launched</p>	<p><b>2021</b> AM 400 launched</p>	<p><b>2023</b> BOFA International merges with Donaldson Filtration GB Ltd. BOFA Americas, Inc. merges with Donaldson Company, Inc.</p>
---	--	--	--	--	--

# INTELLIGENT OPERATING SYSTEM (iQ)



## Pioneering fume extraction

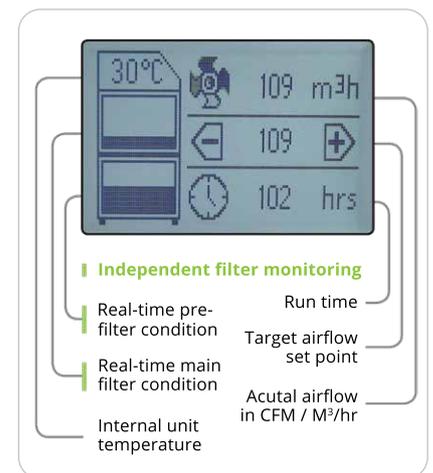
Our award-winning Intelligent Operating System (iQ) brings multiple performance enhancements for high efficiency of extraction, individual filter status monitoring and integral design features that combine to deliver a lower cost of ownership.

Most importantly, iQ addresses the issue dreaded by most production teams — downtime — by minimising the potential for interrupting production for unplanned filter changes.

Sophisticated and advanced technology is inbuilt, providing a user-friendly and intuitive experience with the data being easy to access and analyse locally or remotely (from data downloaded via USB). It means that filter changes can be planned at a time to minimise or eliminate interruptions to production so businesses can continue as usual, as well as helping to avoid any costly or time-consuming service call-outs.

iQ incorporates a method for monitoring the status of both the pre-filter and combined (main) filter. Pre-blockage warnings provide operators with ample time to prepare for a change by identifying which filter needs replacing and when so the uncertainty and guesswork is removed.

A user-friendly design is consistent across all iQ products for a more uniform look in environments where multiple units are in use. The operating 'easy read' control panel is on the top of each unit on a sloping fascia front so the data is easy to view.



# DEEPPLEAT DUO

## PRE-FILTER

### Save filter life and money

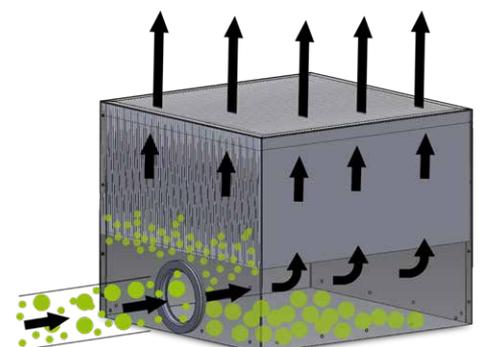
The DeepPleat DUO is BOFA's patented long-lasting pre-filter, extending the life of your main filter and helping to reduce the cost of ownership of your unit.

BOFA's unique patent-protected DeepPleat DUO pre-filter technology is designed to maximise filter life. It incorporates a large capacity drop-out chamber within the filter, along with an impressive surface area above the chamber to deal with a high volume and variety of particulate, giving optimised performance and filter life. Within the housing there is a sealed 200mm deep pleat layer of F8 media giving a surface area in excess of 6, 12, and 30 sq metres.

Thanks to a specially moulded grommet style gasket situated within the drop out chamber the DeepPleat DUO is designed for easy and safer installation and replacement, which is particularly important as often potentially harmful contaminants are filtered.

The DeepPleat DUO is available in three different sizes, offering different drop-out chamber sizes and surface media areas:

Product	Inlet size	Dropout chamber size	Surface media area	Filter media pleat size
AD Nano (+)	50mm	7.44 litres	6m <sup>2</sup>	150mm
AD Oracle iQ	75mm	16.2 litres	12m <sup>2</sup>	200mm
AD 500 iQ AD 1000 iQ AD 1500 iQ	125mm	58 litres	30m <sup>2</sup>	200mm
AD 2000 iQ	125mm	58 litres x2 (116 litres)	30m <sup>2</sup> x2 (60m <sup>2</sup> )	200mm x2 (400mm)



# WORKING WITH YOU TO DELIVER A COMPLETE SYSTEM

We work with you to help ensure you get the appropriate system for your process. From initial requirements scoping through to after-sales care, we provide advice you can trust.

## OEMs

We have a wealth of knowledge working with OEMs, either supplying our existing systems or creating systems to complement your products. Many of our OEM customers badge and sell our products as their own - confident that they will deliver performance, quality, and reliability.

### Working with BOFA you'll get:

- High-quality design and manufacture from a world leader in fume and dust extraction
- Technical support, pre and post-sales
- Extensive dealer training from specialist engineers
- Immediate and aftermarket revenue
- Access to our global network of knowledgeable dust and fume extraction team

## DISTRIBUTORS

Our products are sold into more than 120 countries worldwide. Our network of trusted agents and distributors have the capability to provide local sales and service advice and will help get timely and appropriate support.

### Working with BOFA you'll:

- Enhance your portfolio with our existing products or with a customised system
- Add value to your offering
- Sell products with a proven pedigree
- Have a convenient solution
- Earn from protected aftermarket revenues
- Benefit from technical support and extensive dealer training from specialist engineers

### Your customers will get:

- Affordable options with a high level of benefits
- Customised and branded products as required
- Enhanced health and safety compliance with the highest quality systems

## END USERS

Our network of fume and dust extraction engineers have a wealth of technical and industry knowledge. This combined with their consultative approach to understand your processes and agree specifications means you can be confident you're selecting the appropriate product to suit your specific requirements.

### Working with BOFA you'll get:

- Knowledgeable consultation to help you choose an appropriate system
- Products for single to multiple users
- Unrivalled standard of service and support
- UKCA/CE, UL and cUL compliant products
- Access to LEV service plan, implemented by our P601/P602/P604 certified engineers
- If you are based outside of the UK, our global network of distributors can help

# TRAINING DESIGNED FOR YOU

Free training modules delivered by our knowledgeable team, direct to you, to help you stay up to date. We've designed our modules so they can be delivered in a way convenient to you — either online or face-to-face — in a simple and effective format to help you get the most out of the time you invest in training. It's all part of the exceptional support and experience we offer.



This training is for anyone who comes into contact with fume extraction or is responsible for health and safety in the workplace – whether it's researching and determining the requirements in your workplace, designing new products that need appropriate extraction, or selling products into the market:

- Sales and Marketing
- Technical
- Product management
- Service/installation

You can book on to as many modules as you want to so you can keep learning from wherever you are.

Modules are available every week and cover a wide range of topics including:

- Health, safety and compliance
- Product ranges
- Technical advice
- Commercial understanding

Find out more:  
[bofainternational.com/bofa-academy](http://bofainternational.com/bofa-academy)

# MARKET-LEADING TECHNOLOGY

We are recognised as a market leader, delivering great-value, high-quality products.

We apply our in-depth understanding, developed over many years of designing and manufacturing fume extraction and filtration systems for a wide range of industries. This gives us the experience and knowledge to produce some of the leading systems available on the market.

Throughout this brochure you will see icons next to products to show their key features:



#### Intelligent Operating System (iQ)

Our award-winning Intelligent Operating System (iQ) performs at two distinct levels: operators benefit from the ease of operation and clarity of real-time information and the system provides a cache of analytical data, enabling users to download performance and operating parameters for evaluation purposes.

Find out more: [bofainternational.com/iq](https://bofainternational.com/iq)



#### DeepPleat pre-filter

The DeepPleat pre-filter consists of a pleated filter of 100mm depth or greater, allowing for increased surface area within a smaller area. This means BOFA filters last for a long time and do not take up a large footprint.

Find out more: [bofainternational.com/deeppleat](https://bofainternational.com/deeppleat)



#### DeepPleat DUO pre-filter

Our patent-protected DeepPleat DUO pre-filter technology is designed to maximise filter life. It incorporates a large capacity drop-out chamber within the filter which is designed to act as a barrier helping to protect the premature blocking of the HEPA filter.

The DeepPleat DUO is designed for quick and easy installation and replacement, which is particularly important as often potentially harmful contaminants are captured within the filter.

Find out more: [bofainternational.com/deeppleatduo](https://bofainternational.com/deeppleatduo)



#### HEPA filter

Our HEPA filters are rated to filter 99.995% of particles at 0.3 microns.

The mini pleats used in our HEPA filters can be produced with depths of up to 200mm within each pleat, depending on the application.

Find out more: [bofainternational.com/hepa](https://bofainternational.com/hepa)



#### AFC: Advanced carbon filter

BOFA's advanced carbon filters are designed to help filter fumes, with specific carbon types matched carefully to industry applications. BOFA filters consider the balance between airflow rates and the type, depth, and surface area of the carbon used to help ensure suitability for the contaminants associated with the application and to help ensure appropriate dwell times are achieved. Our filters have been developed to filter contaminants and odours, helping to reduce the risk of bypass and/or tunnelling.

Find out more: [bofainternational.com/acf](https://bofainternational.com/acf)



#### AFC: Automatic flow control

AFC allows the operator to preset correct airflow rates for the specific application, subsequently maintaining this airflow. This generates lower noise levels and helps to ensure further protection to the HEPA filter.

Find out more: [bofainternational.com/afc](https://bofainternational.com/afc)



#### RFA: Reverse flow air technology

RFA enhances filter performance and helps to ensure a long filter life. It causes a fall in velocity and air direction change. Larger particulate falls out of the airstream into the drop-out chamber. With less particulate entering the filter media the filter life is significantly increased. Contaminated air entering the drop-out chamber is pulled vertically through the filters.

Find out more: [bofainternational.com/rfa](https://bofainternational.com/rfa)



#### MVS: Multi-voltage sensing unit

Our MVS units automatically sense local voltage and automatically operate between 100-230V, for global use.



#### PATENTED technology

We invest in innovation and our products have a heritage of being tried, tested and trusted. We take great care in protecting our intellectual property and our integrity. Our product range includes aspects which are protected under patent copyright, design copyright, registered design, and trademark laws.



#### SureCHECK quality standard

In recognition of the importance of quality, health and safety and environmental management, we have created our own stringent SureCHECK quality standard, applied to every product we make.

Find out more: [bofainternational.com/surecheck](https://bofainternational.com/surecheck)



#### ProTECT

Our ProTECT service plan gives you peace of mind that your LEV systems are being expertly maintained throughout their working life.

Find out more: [bofainternational.com/protect](https://bofainternational.com/protect)

Technical information in this brochure is correct at time of publishing. Please contact us for details.

# LASER FUME EXTRACTION

ADVANTAGE range

Our systems help to protect valuable equipment, maintain a higher quality mark and reduce the number of rejects and contaminants.

## Applications

- Deep laser engraving
- Laser cleaning
- Laser coding
- Laser cutting
- Laser drilling

- Laser engraving
- Laser etching
- Laser kiss cutting
- Laser marking
- Laser micro-machining

- Laser pairing
- Laser perforating
- Laser welding
- Traceability and date codes
- Web scoring



BOFA's ADVANTAGE (AD) range of laser fume extraction and filtration systems are designed for applications that generate particulate and gaseous volatile organic compounds (VOCs) within the laser coding, marking, cutting and engraving industries. Our Base units have been designed so that a number of manufacturers' laser engravers can sit on top of the extractor, effectively doubling up as a work station.

## FEATURED PRODUCT – BEST IN CLASS



### AD Oracle iQ FUME EXTRACTOR

The premier choice and 'best in class' system with unique features in a compact unit.

#### Standard features

- Independent filter monitoring
- Filter status warnings
- Screen display
- Real-time information
- DeepPleat DUO pre-filter
- HEPA filter
- Automatic flow control
- Reverse flow air technology
- Advanced carbon filter technology
- Multi-voltage unit

The premier choice and best in class system with unique features in a global unit.

# LASER FUME EXTRACTION

ADVANTAGE range



## AD Access FUME EXTRACTOR

A compact system for light duty laser marking, coding and engraving applications. The AD Access combines economic ownership with performance to match the small laser user, helping to give safer operator working conditions and product quality.

A three-stage filter condition indicator is included as a standard feature.

**Approvals** UKCA and CE | cUL | UL\*

**Dimensions** 505 x 335 x 315mm  
19.88 x 13.19 x 12.40"

**Airflow / Pressure** 180m<sup>3</sup>/hr / 30mbar  
106cfm / 30mbar

**Technology**



**Datasheet download**

[bofainternational.com/ad-access](http://bofainternational.com/ad-access)



## AD 250 FUME EXTRACTOR

The AD 250 is a cost-effective extraction system for light-duty applications. This compact and extremely quiet system is ideal for use in schools, sign making workshops, small-scale industrial environments and light laser coding applications.

**Approvals** UKCA and CE | cUL | UL\*

**Dimensions** 590 x 405 x 465mm  
23.23 x 15.94 x 18.31"

**Airflow / Pressure** 180m<sup>3</sup>/hr / 30mbar  
106cfm / 30mbar

**Technology**



**Datasheet download**

[bofainternational.com/ad-250](http://bofainternational.com/ad-250)



## AD 350 FUME EXTRACTOR

The quiet and compact AD 350 extraction system helps to filter potentially harmful fumes and particulate created during light duty laser marking, coding and engraving applications making it ideal for use in schools, sign making workshops and small-scale industrial environments.

**Approvals** UKCA and CE | cUL | UL\*

**Compatible with the FireBOX GA and FireBOX MA and Spark Arrestor 2**

**Dimensions** 590 x 405 x 465mm  
23.23 x 15.94 x 18.31"

**Airflow / Pressure** 380m<sup>3</sup>/hr / 96mbar  
223cfm / 96mbar

**Technology**



**Datasheet download**

[bofainternational.com/ad-350](http://bofainternational.com/ad-350)

### FILTER TECHNOLOGY

The majority of systems in the AD range incorporate three-stage filtration: pre-filter, HEPA and chemical section. Many units are also enhanced with our patented DeepPleat DUO pre-filter, with its large capacity drop-out chamber helps to ensure maximum filter capacity.

[bofainternational.com/filters](http://bofainternational.com/filters)

### INLINE FILTERS

We have a range of inline filters ideal for heavy duty applications.

### ACCESSORIES

We have created a wide range of hose kits to complement the AD range. You'll find the shape, size and combinations most suited to your laser application.

For more information, contact your sales representative or visit [bofainternational.com/accessories](http://bofainternational.com/accessories)

OUR LEADING TECHNOLOGY



**iQ**  
Intelligent Operating System (iQ)



**DeepPleat**  
DeepPleat pre-filter



**DeepPleat DUO**  
DeepPleat DUO pre-filter



**HEPA**  
HEPA filter



**ACF**  
Advanced carbon filter technology



### AD Nano FUME EXTRACTOR

The AD Nano extraction system is ideal for small-scale industrial environments and light to medium laser coding applications. The reverse flow air filter technology enhances filter performance and helps to give longer filter life with its DeepPleat DUO filter technology.

**Approvals** UKCA and CE

Dimensions 790 x 360 x 420mm  
31.1 x 14.17 x 16.54"  
Airflow / Pressure 170m³/hr / 30mbar  
100cfm / 30mbar

Technology



**Datasheet download**  
[bofainternational.com/ad-nano](http://bofainternational.com/ad-nano)



### AD Nano+ FUME EXTRACTOR

This compact 'go anywhere' fume extraction system is feature-packed for big performance in small-scale industrial sites and light laser coding applications. Incorporating many of the features found on our larger systems, the AD Nano+ is a cost-effective system for light to medium-duty applications, making it the ideal choice for installations where floor space is limited.

The use of an auto-voltage sensing blower means that the unit can be used anywhere in the world.

**Approvals** UKCA and CE

Dimensions 790 x 360 x 420mm  
31.1 x 14.17 x 16.54"  
Airflow / Pressure 300m³/hr / 96mbar  
176cfm / 96mbar

Technology



**Datasheet download**  
[bofainternational.com/ad-nano-plus](http://bofainternational.com/ad-nano-plus)



### AD Universal FUME EXTRACTOR

This compact extraction system is ideal for light to medium small-scale industrial environments.

**Approvals** UKCA and CE | UL\*

Dimensions 625 x 385 x 525mm  
24.61 x 15.16 x 20.67"  
Airflow / Pressure 380m³/hr / 96mbar  
223cfm / 96mbar

Technology



**Datasheet download**  
[bofainternational.com/ad-universal](http://bofainternational.com/ad-universal)



### AD Oracle SA iQ FUME EXTRACTOR

This compact laser fume extractor incorporates a powerful range of unique features into one unit. It uses a smaller pre-filter to the AD Oracle iQ, but includes all the other features, making it ideal for lighter-use applications.

**Approvals** UKCA and CE | cUL | UL\*

**Compatible with the FireBOX GA and FireBOX MA and Spark Arrestor 2**

Dimensions 740 x 450 x 515mm  
29.33 x 17.72 x 20.28"  
Airflow / Pressure 380m³/hr / 96mbar  
223cfm / 96mbar

Technology



**Datasheet download**  
[bofainternational.com/ad-oracle-sa-iq](http://bofainternational.com/ad-oracle-sa-iq)

\* Tested to UL and cUL standards, but testing may be provided by alternate nationally recognised test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.



# LASER FUME EXTRACTION

ADVANTAGE range



## AD Oracle iQ FUME EXTRACTOR

The AD Oracle iQ extraction system combines a powerful range of unique features into one compact unit. This versatile system can be used across a range of laser applications and the revolutionary auto-voltage sensing blower automatically self-adjusts to run on any voltage worldwide.

**Approvals** UKCA and CE | cUL | UL\*

**Compatible with the FireBOX GA and FireBOX MA and Spark Arrestor 2**

**Dimensions** 975 x 455 x 505mm  
38.39 x 17.91 x 19.88"

**Airflow / Pressure** 380m<sup>3</sup>/hr / 96mbar  
224cfm / 96mbar

**Technology**



**Datasheet download**  
[bofainternational.com/ad-oracle-iq](http://bofainternational.com/ad-oracle-iq)



## AD 500 iQ / 1000 iQ / 1500 iQ FUME EXTRACTORS

These mid to high-end laser fume extraction systems combine extremely large filter capacity with high airflow and pressure rates, making them the ideal choice for heavy-duty applications that generate large amounts of particulate and gaseous organic compounds.

Performance is further enhanced with the inclusion of several features including BOFA's Intelligent Operating System (iQ) and patented DeepPleat DUO pre-filter.

**Approvals** UKCA and CE | cUL | UL\*

**AD 500 iQ and AD 1000 iQ are compatible with the FireBOX GA, FireBOX MA and Spark Arrestor 2**

**Dimensions** 1205 x 615 x 790mm  
47.44 x 24.21 x 31.10"

**AD 500 iQ**  
**Airflow / Pressure** 550m<sup>3</sup>/hr / 100mbar  
324cfm / 100mbar

**AD 1000 iQ**  
**Airflow / Pressure** 850m<sup>3</sup>/hr / 100mbar  
500cfm / 100mbar

**AD 1500 iQ**  
**Airflow / Pressure** 1250m<sup>3</sup>/hr / 100mbar  
735cfm / 100mbar

**Technology**



**Datasheet download**  
[bofainternational.com/ad-500-iq](http://bofainternational.com/ad-500-iq)  
[bofainternational.com/ad-1000-iq](http://bofainternational.com/ad-1000-iq)  
[bofainternational.com/ad-1500-iq](http://bofainternational.com/ad-1500-iq)



## AD 2000 iQ FUME EXTRACTOR

The AD 2000 iQ's technology delivers superior and measurable performance, helping to ensure airflow and filtration is maintained even when particulates start to build up. The dual filter system creates maximum capacity while the three-stage filtration process helps to ensure peak performance. This makes it suitable for the most demanding and complex installations, so you can rely on extended filter life, together with effective filtering of fumes and particulates.

It's user friendly too, with a design that makes easy work of filter changes. The easy to read and access control display panel is conveniently located on top of the unit.

The AD 2000 iQ's design also permits greater flexibility of different exhaust installations and different configurations allowing recirculation via the rear panel or externally vented hose connection systems.

**Approvals** UKCA and CE | cUL | UL\*

**Dimensions** 1280 x 1360 x 1005mm  
50.39 x 53.54 x 39.57"

**Airflow / Pressure** 2500m<sup>3</sup>/hr / 96mbar  
1470cfm / 96mbar

**Technology**



**Datasheet download**  
[bofainternational.com/ad-2000-iq](http://bofainternational.com/ad-2000-iq)

\* Tested to UL and cUL standards, but testing may be provided by alternate nationally recognised test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.

OUR LEADING TECHNOLOGY



**iQ**  
Intelligent Operating System (iQ)



**DeepPleat**  
DeepPleat pre-filter



**DeepPleat DUO**  
DeepPleat DUO pre-filter



**HEPA**  
HEPA filter



**ACF**  
Advanced carbon filter technology



### AD PVC iQ FUME EXTRACTOR

The AD PVC iQ extraction system has been designed to effectively deal with the corrosive nature of the fumes generated when lasering PVC materials.

The latest design specification includes many of the features associated with our AD Oracle iQ model as standard but in addition all internally exposed surfaces have been coated to resist the corrosive nature of the fume and each unit is fitted with HCL and VOC sensors which continually monitor the exhaust air of the unit helping to give added safety assurance.

**Approvals** UKCA and CE | cUL | UL\*

**Dimensions** 1090 x 570 x 600mm  
42.91 x 22.44 x 23.62"

**Airflow / Pressure** 350m<sup>3</sup>/hr / 96mbar  
206cfm / 96mbar

**Technology**



**Datasheet download**  
[bofainternational.com/ad-pvc-iq](http://bofainternational.com/ad-pvc-iq)



### AD Base 1 Oracle FUME EXTRACTOR

Suitable for a range of lasers, the AD Base 1 Oracle extraction system combines a DeepPleat DUO pre-filter and auto-voltage blower in a compact base system. BOFA's easi-seal filter location helps to make filter change quick and easy.

As with all our Base systems, this unit has the option of an onboard compressor for a compact installation.

**Approvals** UKCA and CE

**Dimensions** 790 x 735 x 740mm  
31.10 x 28.94 x 29.13"

**Airflow / Pressure** 380m<sup>3</sup>/hr / 96mbar  
223cfm / 96mbar

**Technology**



**Datasheet download**  
[bofainternational.com/ad-base-1-oracle](http://bofainternational.com/ad-base-1-oracle)



### AD Base 2 Oracle FUME EXTRACTOR

Adapting the AD Base 1 Oracle extraction system, this unit sits lower to allow larger bed lasers to be placed securely on top whilst giving a direct extraction system. This system also benefits from a DeepPleat DUO pre-filter and multi-voltage sensing unit.

As with all our Base systems, this unit has the option of an onboard compressor for a compact installation.

**Approvals** UKCA and CE

**Dimensions** 550 x 1060 x 810mm  
21.65 x 41.74 x 31.89"

**Airflow / Pressure** 380m<sup>3</sup>/hr / 96mbar  
223cfm / 96mbar

**Technology**



**Datasheet download**  
[bofainternational.com/ad-base-2-oracle](http://bofainternational.com/ad-base-2-oracle)



### AD Base 3 FUME EXTRACTOR

The AD Base 3 extraction system is designed for the smaller Universal Versa Laser. The optional onboard compressor makes this a compact installation.

**Approvals** UKCA and CE

**Dimensions** 775 x 510 x 680mm  
30.51 x 20.08 x 26.77"

**Airflow / Pressure** 180m<sup>3</sup>/hr / 30mbar  
105cfm / 30mbar

**Technology**



**Datasheet download**  
[bofainternational.com/ad-base-3](http://bofainternational.com/ad-base-3)



# LASER FUME EXTRACTION

ADVANTAGE range



## AD Base C180 FUME EXTRACTOR

Bespoke unit tailored to match the GCC C180 laser engraver. The dimensions of the unit allows the C180 extraction system to fit perfectly onto the extractor, effectively doubling it up as a work station. The unit is also offered with an onboard air compressor to provide the laser with its air assist requirements and comes complete with extraction hose kit and compressor link up on compressor models.

**Approvals** UKCA and CE

Dimensions 795 x 740 x 720mm  
31.30 x 29.13 x 28.35"

Airflow / Pressure 180m<sup>3</sup>/hr / 30mbar  
105cfm / 30mbar

Technology



**Datasheet download**  
[bofainternational.com/ad-base-c180](https://bofainternational.com/ad-base-c180)



## Mobile FumeKART FUME EXTRACTOR

The FumeKART is the ideal portable air extraction and filtration unit and can be applied to a variety of applications.

Designed to filter dust particles, weld fumes, vapours and other pollutants from the work environment, the FumeKART is easy to operate and maintain and provides the additional benefit of being fully portable.

Users will have flexibility and the assurance of high performance filtration. A filter condition indicator is included as a standard feature, together with three-stage filtration: pre-filter, HEPA and gas filter.

**Approvals** UKCA and CE

Dimensions 875 x 475 x 430mm  
37.4 x 18.7 x 17"

Airflow / Pressure 380m<sup>3</sup>/hr / 100mbar  
223cfm / 100mbar

Technology



**Datasheet download**  
[bofainternational.com/mobile-fumekart](https://bofainternational.com/mobile-fumekart)

## FILTER TECHNOLOGY

The majority of systems in the AD range incorporate three-stage filtration: pre-filter, HEPA and chemical section. Many units are also enhanced with our patented DeepPleat DUO pre-filter, with its large capacity drop-out chamber helps to ensure maximum filter capacity.

[bofainternational.com/filters](https://bofainternational.com/filters)

## INLINE FILTERS

We have a range of inline filters ideal for heavy duty applications.

## ACCESSORIES

We have created a wide range of hose kits to complement the AD range. You'll find the shape, size and combinations most suited to your laser application.

For more information, contact your sales representative or visit [bofainternational.com/accessories](https://bofainternational.com/accessories)

OUR LEADING TECHNOLOGY



iQ  
Intelligent Operating System (iQ)



DeepPleat  
DeepPleat pre-filter



DeepPleat DUO  
DeepPleat DUO pre-filter



HEPA  
HEPA filter



ACF  
Advanced carbon filter technology

# PRODUCT FEATURES

## Comparison table

		AD Access	AD 250	AD 350	AD Nano	AD Nano+	AD Universal	AD Oracle SA iQ	AD Oracle iQ	AD 500 iQ	AD 1000 iQ	AD 1500 iQ	AD 2000 iQ	AD PVC iQ	BASE UNITS				
															AD Base 1 Oracle	AD Base 2 Oracle	AD Base 3	AD Base C180	Mobile FumeKART
STANDARD FEATURES	Intelligent Operating System (iQ)							✓	✓	✓	✓	✓	✓	✓					
	Filter condition indicator	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	High airflow & pressure rates			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓
	Long-life, low-cost replacement filters	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Digital speed control			✓															✓
	Easi-seal filter location				✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Auto-sensing voltage (100-230V) for global use			✓		✓	✓	✓	✓					✓	✓	✓			✓
	Automatic flow control system				✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Lockable castors				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Acid resistant coating													✓					
	HEPA filter technology	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	UKCA/CE approvals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	UL* approval	✓	✓	✓				✓	✓	✓	✓	✓		✓					
	cUL* approval	✓	✓	✓				✓	✓	✓	✓	✓		✓					
	Brushless motor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	SureCHECK quality standard	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	ProTECT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	OPTIONAL FEATURES	VOC gas sensor (Volatile Organic Compound)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓
Remote stop/start interface		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	
Filter change/system fail signal		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Onboard compressor								✓	✓	✓		✓		✓	✓	✓	✓		
Variety of arms/hoods																		✓	

Product availability may vary by region. Please contact BOFA with any questions.

\* Tested to UL and cUL standards, but testing may be provided by alternate nationally recognised test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.



# ELECTRONICS

## FUME EXTRACTION

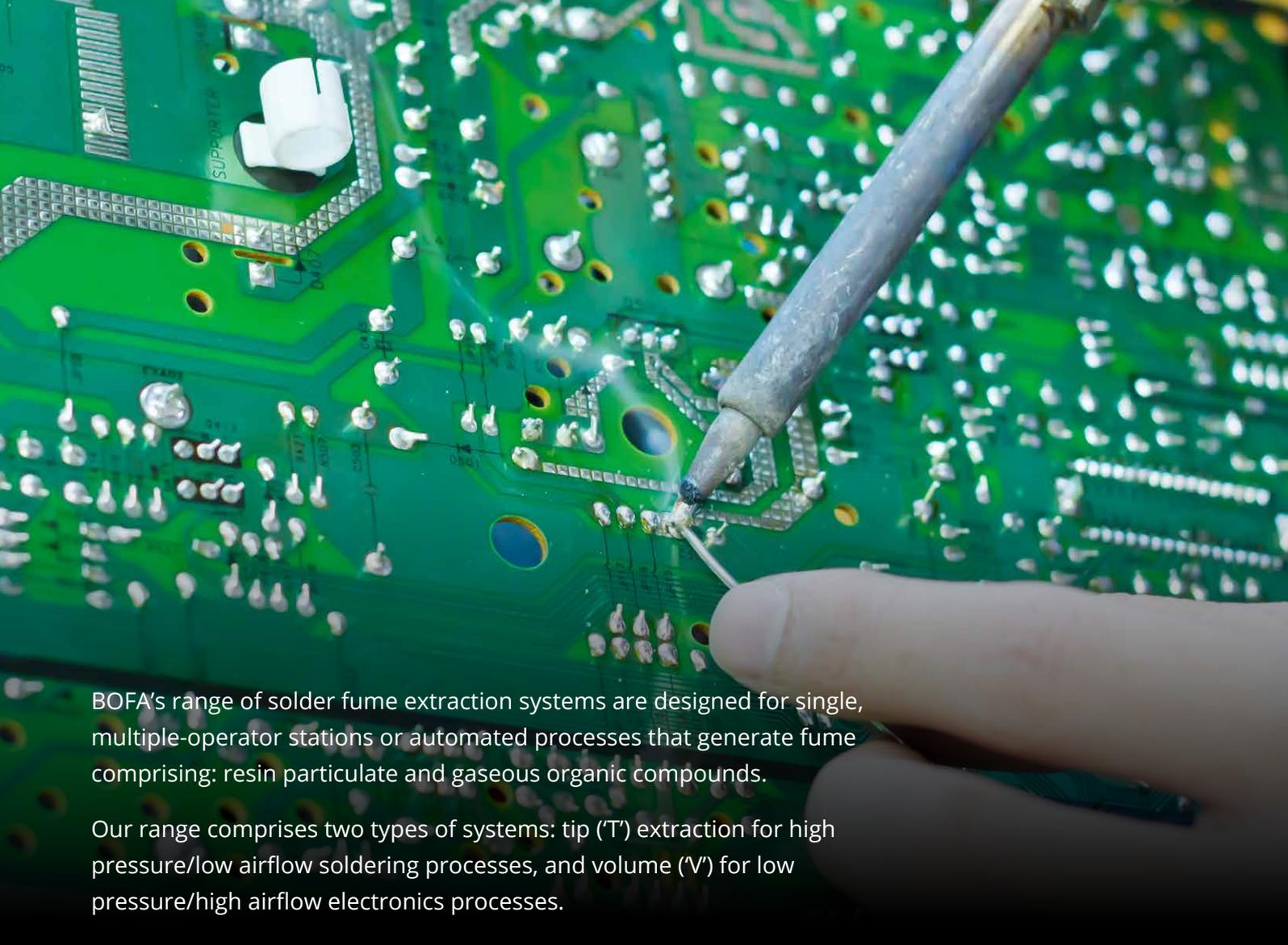
Tip and volume range

### Applications

Arm extraction  
Automated soldering  
Brazing  
De-soldering  
Gluing  
Hand-soldering  
Lead-free soldering  
Laser soldering

Machine soldering  
PCB de-lugging  
PCB drilling  
Potting  
Reflow ovens  
Rework stations  
Selective soldering  
Silver soldering

Soft soldering  
Spray cleaning  
Tinning  
Tip extraction  
Vapour phase soldering  
Wave soldering



BOFA's range of solder fume extraction systems are designed for single, multiple-operator stations or automated processes that generate fume comprising: resin particulate and gaseous organic compounds.

Our range comprises two types of systems: tip ('T') extraction for high pressure/low airflow soldering processes, and volume ('V') for low pressure/high airflow electronics processes.

## FEATURED PRODUCT – BEST IN CLASS



### V 250 FUME EXTRACTOR

Dual arm extraction system purpose built to protect two operators working on solder applications. The V 250 is enhanced by multiple configuration options and hose kits.

#### Standard features

- Three-stage filtration
- Low noise levels
- Advanced carbon filter technology
- HEPA and gas combined filter
- Filter blocked indicator

Low noise level and fully comprehensive filtration - ideal for factories with changing production demands.

# ELECTRONICS FUME EXTRACTION

Tip and volume range

## TIP



### T 1 FUME EXTRACTOR

Single operator high-vacuum extraction system for hand solder applications. Designed specifically for portability and extremely low noise levels.

The T 1 extracts and filters fumes and debris through small bore hoses and attachments. Ideally suited for soldering iron tip extraction, vac pens and any application requiring close proximity, such as microextraction.

**Approvals** UKCA and CE

*Ideal partner to the solder iron connection kit*

**Dimensions** 270 x 200 x 185mm  
10.63 x 7.87 x 7.28"

**Airflow** 22 l/min per tip

**Technology**



**Datasheet download**  
[bofainternational.com/t1](http://bofainternational.com/t1)



### T 15 FUME EXTRACTOR

Mid-range high-vacuum fume extraction system with a built in silencer for low noise levels. With its three-stage filtration and filter warning indicator, this is a true industry favourite, suitable for 5-15 operators.

The T 15 extracts and filters fumes and debris through small bore hoses and attachments. Ideally suited for soldering iron tip extraction, vac pens and any application requiring close proximity, such as microextraction.

**Approvals** UKCA and CE

*Ideal partner to the solder iron connection kit*

**Dimensions** 575 x 370 x 340mm  
22.64 x 14.57 x 13.39"

**Airflow** 22 l/min per tip

**Technology**



**Datasheet download**  
[bofainternational.com/t15](http://bofainternational.com/t15)

## FILTER TECHNOLOGY

Our electronics range is designed around a complete three-stage filtration setup. These three stages give high levels of filtration at all levels and help to provide protection from different potentially hazardous particulate and fume elements. The cheaper pre-filter is designed as a barrier for the majority of contaminate, helping to protect the more expensive HEPA and carbon filters, allowing for longer filter life and lower cost of ownership across the lifetime of the unit.

For more information visit  
[bofainternational.com/filters](http://bofainternational.com/filters)

## ACCESSORIES

We have created an extensive range of accessories and hose kits to complement the electronics range. From LED light arms to downdraught trays and cowls, you'll find the perfect accessory to match your extractor and an array of hose kits in many shapes, sizes and combinations most suited to your application. Contact your sales representative for more information or visit  
[bofainternational.com/accessories](http://bofainternational.com/accessories)

## TRAINING DESIGNED FOR YOU

Free training modules delivered by our knowledgeable team, direct to you.

For more information visit [bofainternational.com/bofa-academy](http://bofainternational.com/bofa-academy)



OUR LEADING TECHNOLOGY



**iQ**  
Intelligent Operating System (iQ)



**DeepPleat**  
DeepPleat pre-filter



**DeepPleat DUO**  
DeepPleat DUO pre-filter



**HEPA**  
HEPA filter



**ACF**  
Advanced carbon filter technology

## VOLUME



### V 200 FUME EXTRACTOR

The V 200 is a single arm, portable solder fume extraction system that comes complete with an extraction arm and installation kit containing everything required to set up an operator with ease.

Minimal installation allows this unit to be moved with the work bench when factory layouts need changing due to production requirements.

The low noise level and fully comprehensive three-stage filtration is ideal for factories with changing production demands.

**Approvals** UKCA and CE

**Dimensions** 420 x 290 x 270mm  
16.54 x 11.42 x 10.63"

**Airflow / Pressure** 90m<sup>3</sup>/hr / 20mbar  
53cfm / 20mbar

**Technology**



**Datasheet download**  
[bofainternational.com/v200](http://bofainternational.com/v200)



### V 250 FUME EXTRACTOR

The V 250 is a dual arm, portable solder fume extraction system that comes complete with two extraction arms and installation kits containing everything required to set up two operators with ease. The filter status indicator helps to ensure users change the filter only when required.

Minimal installation allows this unit to be moved with the work bench when factory layouts need changing due to production requirements.

The low noise level and fully comprehensive three-stage filtration is ideal for factories with changing production demands.

**Approvals** UKCA and CE

**Ideal partner to the FumeCAB 250**

**Dimensions** 420 x 290 x 270mm  
16.54 x 11.42 x 10.63"

**Airflow / Pressure** 180m<sup>3</sup>/hr / 30mbar  
106cfm / 30mbar

**Technology**



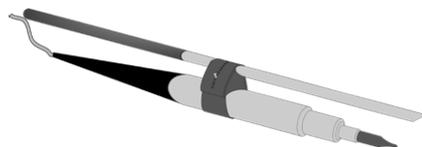
**Datasheet download**  
[bofainternational.com/v250](http://bofainternational.com/v250)



### Accessories

BOFA offers a choice of interchangeable specialist accessories designed to work with the electronics range for use in all types of applications.

For more information, contact your sales representative or visit [bofainternational.com/accessories](http://bofainternational.com/accessories)



**RFA**  
Reverse flow air technology



**AFC**  
Automatic flow control technology



**MVS**  
Multi-voltage sensing unit



**PATENTED**  
Patented technology



**SureCHECK**  
SureCHECK quality standard



**PROTECT**  
ProTECT service plan

# ELECTRONICS FUME EXTRACTION

Tip and volume range



## V 300E FUME EXTRACTOR

Entry level arm fume extraction for solder applications. This compact, low-cost system is capable of generating high airflow rates from a range of bench top attachments, including larger hoses.

This fume extraction unit can be positioned comfortably under a bench with a simple installation kit to connect to the most suitable extraction accessory.

**Approvals** UKCA and CE

**Dimensions** 450 x 330 x 310mm  
17.7 x 13.8 x 12.2"

**Airflow / Pressure** 320m<sup>3</sup>/hr / 5mbar  
188cfm / 5mbar

**Technology**



**Datasheet download**  
[bofainternational.com/v300e](http://bofainternational.com/v300e)



## V 350E FUME EXTRACTOR

The V 350E is a compact, low-cost extraction system, which is capable of generating high airflow rates from a range of bench top attachments, including larger hoses.

This fume extraction unit can be positioned comfortably under a bench with a simple installation kit to connect to the most suitable extraction accessory.

**Approvals** UKCA and CE

**Dimensions** 517 x 370 x 370mm  
20.4 x 14.6 x 14.6"

**Airflow / Pressure** 540m<sup>3</sup>/hr / 4mbar  
317cfm / 4mbar

**Technology**



**Datasheet download**  
[bofainternational.com/v350e](http://bofainternational.com/v350e)



## V 600 FUME EXTRACTOR

A truly state of the art fume purification system, the V 600 is within our high-end range of extraction systems, combining large filter capacity with high airflows and pressure. It benefits from reverse flow design and DeepPleat pre-filter technology for extremely long filter life.

This unit incorporates three-stage filtration, a filter condition display, and built in silencing and can accommodate up to seven operators.

**Approvals** UKCA and CE

**Pair this with FumeCAB 600**

**Dimensions** 590 x 405 x 465mm  
23.23 x 15.94 x 18.31"

**Airflow / Pressure** 350m<sup>3</sup>/hr / 96mbar  
206cfm / 96mbar

**Technology**



**Datasheet download**  
[bofainternational.com/v600](http://bofainternational.com/v600)

## FILTER TECHNOLOGY

Our electronics range is designed around a complete three-stage filtration setup. These three stages give high levels of filtration and help to provide protection from different potentially hazardous particulate and fume elements. The cheaper pre-filter is designed as a barrier for the majority of contaminate, helping to protect the more expensive HEPA and carbon filters, allowing for longer filter life and lower cost of ownership across the lifetime of the unit.

For more information visit  
[bofainternational.com/filters](http://bofainternational.com/filters)

## ACCESSORIES

We have created an extensive range of accessories and hose kits to complement the electronics range. From LED light arms to downdraught trays and cowls, you'll find the perfect accessory to match your extractor and an array of hose kits in many shapes, sizes and combinations most suited to your application. Contact your sales representative for more information or visit [bofainternational.com/accessories](http://bofainternational.com/accessories)

OUR LEADING TECHNOLOGY



**iQ**  
Intelligent Operating System (iQ)



**DeepPleat**  
DeepPleat pre-filter



**DeepPleat DUO**  
DeepPleat DUO pre-filter



**HEPA**  
HEPA filter



**ACF**  
Advanced carbon filter technology



### V Oracle iQ FUME EXTRACTOR

This advanced high-volume tip extractor combines a powerful range of features in one unit.

This versatile unit can be used across a range of electronics applications and the revolutionary auto-voltage sensing blower automatically self-adjusts to run on any voltage worldwide.

**Approvals** UKCA and CE

**Dimensions** 975 x 455 x 505mm  
38.39 x 17.91 x 19.88"

**Airflow / Pressure** 380m<sup>3</sup>/hr / 96mbar  
223cfm / 96mbar

**Technology**



**Datasheet download**  
[bofainternational.com/v-oracle-iq](http://bofainternational.com/v-oracle-iq)



### V 1000 iQ FUME EXTRACTOR

This high-volume fume extraction system combines extremely large filter capacity with high airflow and pressure rates. This unit is the ideal choice for heavy-duty hand and machine-automated solder applications that generate large amounts of particulate and gaseous organic compounds. The V 1000 iQ can cater for up to 15 operators as a centralised system or can be used to extract fumes from automated soldering machines.

**Approvals** UKCA and CE | cUL | UL\*

**Dimensions** 1205 x 615 x 790mm  
47.44 x 24.21 x 31.10"

**Airflow / Pressure** 850m<sup>3</sup>/hr / 100mbar  
500cfm / 100mbar r

**Technology**



**Datasheet download**  
[bofainternational.com/v1000-iq](http://bofainternational.com/v1000-iq)



### FUME CABINETS

We have a comprehensive range of fume extraction cabinets suitable for the electronics industry, from small applications right up to large-scale processes.

\* Tested to UL and cUL standards, but testing may be provided by alternate nationally recognised test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.



# ELECTRONICS FUME EXTRACTION

Tip and volume range



## Mobile FumeKART FUME EXTRACTOR

The FumeKART is the ideal portable air extraction and filtration unit and can be applied to a variety of applications.

Designed to filter dust particles, weld fumes, vapours and other pollutants from the work environment, the FumeKART is easy to operate and maintain and provides the additional benefit of being fully portable.

Users will have flexibility and the assurance of high-performance filtration. A filter condition indicator is included as a standard feature, together with three-stage filtration: pre-filter, HEPA, and gas filter.

**Approvals** UKCA and CE

Dimensions 875 x 475 x 430mm  
37.4 x 18.7 x 17"  
Airflow / Pressure 380m<sup>3</sup>/hr / 100mbar  
223cfm / 100mbar

Technology



**Datasheet download**  
[bofainternational.com/mobile-fumekart](http://bofainternational.com/mobile-fumekart)

## FILTER TECHNOLOGY

Our electronics range is designed around a complete three-stage filtration setup. These three stages give high levels of filtration and help to provide protection from different potentially hazardous particulate and fume elements. The cheaper pre-filter is designed as a barrier for the majority of contaminate, helping to protect the more expensive HEPA and carbon filters, allowing for longer filter life and lower cost of ownership across the lifetime of the unit.

For more information visit  
[bofainternational.com/filters](http://bofainternational.com/filters)

## ACCESSORIES

We have created an extensive range of accessories and hose kits to complement the electronics range. From LED light arms to downdraught trays and cowls, you'll find the perfect accessory to match your extractor and an array of hose kits in many shapes, sizes and combinations most suited to your application. Contact your sales representative for more information or visit  
[bofainternational.com/accessories](http://bofainternational.com/accessories)



## FUME CABINETS

We have a comprehensive range of fume extraction cabinets suitable for the electronics industry, from small applications right up to large-scale processes.

OUR LEADING TECHNOLOGY



**iQ**  
Intelligent Operating System (iQ)



**DeepPleat**  
DeepPleat pre-filter



**DeepPleat DUO**  
DeepPleat DUO pre-filter



**HEPA**  
HEPA filter



**ACF**  
Advanced carbon filter technology

# PRODUCT FEATURES

## Comparison table

	TIP		VOLUME							
	T 1	T 15	V 200	V 250	V 300E	V 350E	V 600	V Oracle IQ	V 1000 IQ	Mobile FumeKART
<b>STANDARD FEATURES</b>										
Three-stage filtration	✓	✓	✓	✓			✓	✓	✓	✓
Compact design	✓	✓	✓	✓	✓	✓	✓			✓
High-vacuum blowers		✓					✓	✓	✓	
Digital speed control							✓			✓
Auto-sensing voltage (100-230V) for global use							✓	✓		
Intelligent Operatin System (iQ)								✓	✓	
Automatic flow control system								✓	✓	
'Easi-seal' filter location								✓	✓	
Brushless motor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Filter blocked indicator		✓	✓	✓			✓	✓	✓	✓
Reverse flow air technology							✓	✓	✓	
UKCA/CE approvals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
UL* approval									✓	
cUL* approval									✓	
SureCHECK quality standard	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ProTECT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>OPTIONAL FEATURES</b>										
VOC gas sensor (Volatile Organic Compound)							✓	✓	✓	
Remote stop/start interface		✓					✓	✓	✓	
Filter change system fail signal		✓					✓	✓	✓	
Onboard compressor								✓	✓	
Digital speed control				✓						
Variety of arms/hoods										✓

Product availability may vary by region. Please contact BOFA with any questions.

\* Tested to UL and cUL standards, but testing may be provided by alternate nationally recognised test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.

### TRAINING DESIGNED FOR YOU

Free training modules delivered by our knowledgeable team, direct to you.

For more information visit [bofainternational.com/bofa-academy](http://bofainternational.com/bofa-academy)



# PRINTING

## FUME EXTRACTION

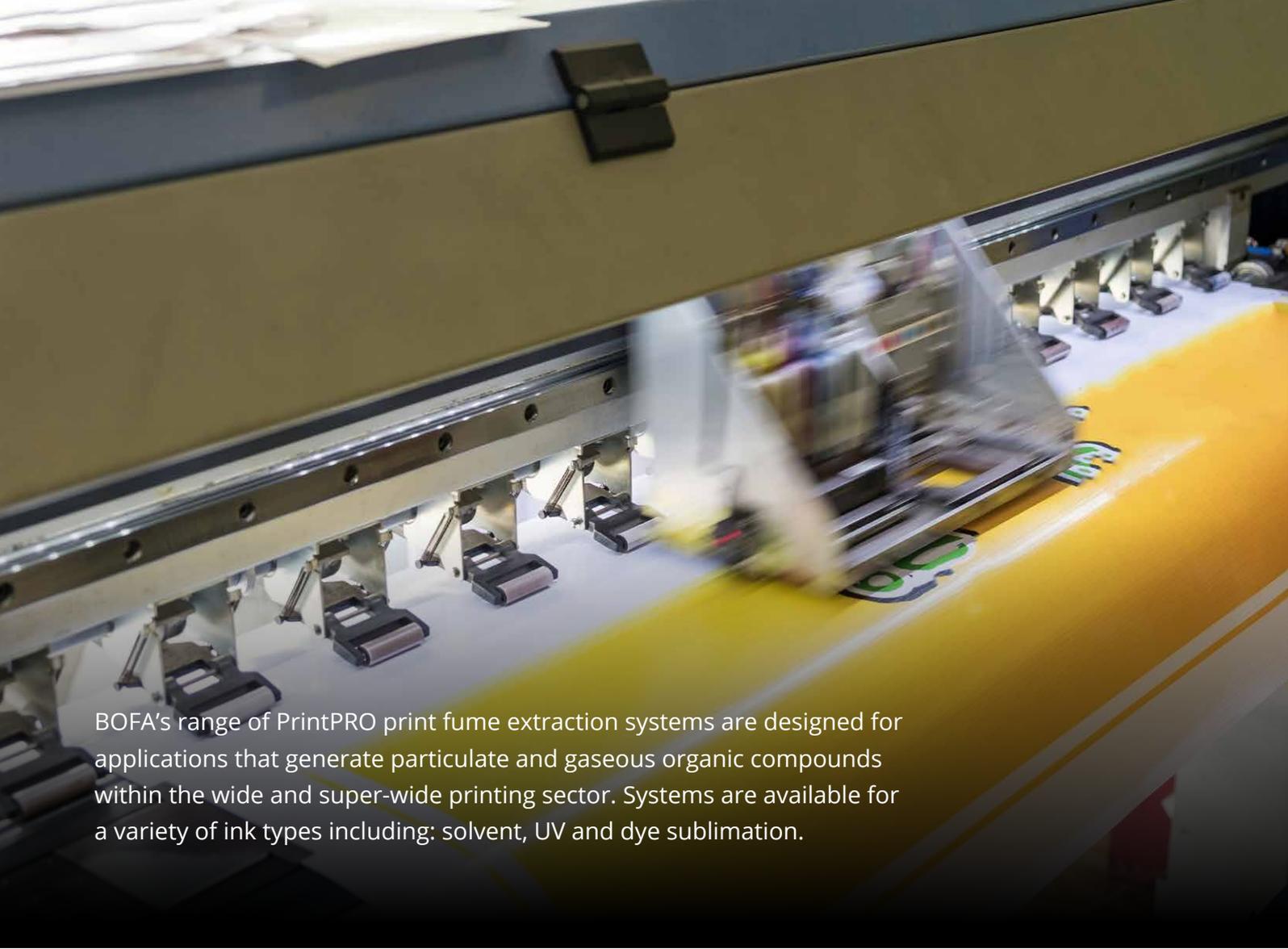
PrintPRO range

### Applications

Digital flexo plates  
Direct to fabric  
Dye sublimation  
Flags, banners & posters  
Flexographic printing

Inkjet printing  
Letter press plates  
Low-solvent ink  
MEK  
Mid-solvent ink

Screen printer  
Solvent ink  
UV coating  
UV printing



BOFA's range of PrintPRO print fume extraction systems are designed for applications that generate particulate and gaseous organic compounds within the wide and super-wide printing sector. Systems are available for a variety of ink types including: solvent, UV and dye sublimation.

**FEATURED PRODUCT – BEST IN CLASS**



**PrintPRO Universal FUME EXTRACTOR**

The flagship product in our printing range, the PrintPRO Universal is a compact unit with a large gas filter. It is designed exclusively for the print and print finishing industries with unique features to effectively filter a wide range of solvents generated within these environments, including MEK, ketones and vapours from UV applications.

The unit is easily adapted to a huge range of environments, including wide-format printing, inkjet coding printers (CIJ) (both solvent and UV) and numerous mailroom applications such as UV coating, hot melt glue binding and mailwrap polywrapping.

**Standard features**

- Long-life, low-cost replacement filters
- High airflow pressure rates
- Advanced carbon filter technology

Easily adapted to a huge range of print environments.

# PRINTING FUME EXTRACTION

PrintPRO range



## PrintPRO Universal FUME EXTRACTOR

The PrintPRO Universal fume extractor is a compact unit with a large gas filter. It was designed exclusively for the print and print finishing industries with unique features designed to filter a wide range of solvents generated within these environments, including MEK, ketones and vapours from UV applications.

The unit is easily adapted to a huge range of environments, including wide format printing, inkjet coding printers (CIJ) (both solvent and UV) and numerous mail-room applications such as UV coating, hot melt glue binding and mailwrap polywrapping.

**Approvals** UKCA and CE | cUL | UL\*

**Dimensions** 625 x 385 x 525mm  
24.60 x 15.16 x 20.67"

**Airflow / Pressure** 380m<sup>3</sup>/hr / 96mbar  
223cfm / 96mbar

**Technology**



**Datasheet download**  
[bofainternational.com/printpro-universal](http://bofainternational.com/printpro-universal)



## PrintPRO 1000 iQ FUME EXTRACTOR

These mid to high-end extraction systems combine extremely large filter capacity with high airflow and pressure rates, making it the ideal choice for heavy-duty applications that generate large amounts of particulate and gaseous organic compounds.

**Approvals** UKCA and CE | cUL | UL\*

**Dimensions** 1205 x 615 x 790mm  
47.44 x 24.22 x 31.10"

**Airflow / Pressure** 850m<sup>3</sup>/hr / 100mbar  
500cfm / 100mbar

**Technology**



**Datasheet download**  
[bofainternational.com/printpro-1000-iq](http://bofainternational.com/printpro-1000-iq)

## DYE SUBLIMATION



## PrintPRO Oracle DS FUME EXTRACTOR

The PrintPRO Oracle DS is our mid to high-end print fume extraction and filtration system. It has been purposely designed to filter the fumes generated from dye sublimation printers and combines extremely large filter capacity with high airflows and pressure. This combination makes it ideal for heavy-duty applications that generate large amounts of particulate and gaseous organic compounds.

The additional feature of BOFA's 'easi-seal' filter location mechanism helps to make filter change quick and easy. A truly state-of-the-art print fume purification system.

**Approvals** UKCA and CE

**Dimensions** 955 x 430 x 475mm  
37.60 x 17 x 18.70"

**Airflow / Pressure** 380m<sup>3</sup>/hr / 96mbar  
223cfm / 96mbar

**Technology**



**Datasheet download**  
[bofainternational.com/printpro-oracle-ds](http://bofainternational.com/printpro-oracle-ds)



## PrintPRO 800 DS FUME EXTRACTOR

This mid to high-end fume extraction and filtration system has been purposely designed to filter the fumes generated from dye sublimation printers. A hydrophobic HEPA filter is fitted as standard and an optional gas filter can be fitted as required. This extraction system combines extremely large filter capacity with high airflows and pressure, making it ideal for heavy-duty applications that generate large amounts of gaseous organic compounds.

The coalescing filters trap glycol mist and combine it into larger droplets. These droplets then drip away from the filter when the extractor is stopped due to its reverse flow design. An automatic drain located in the base of the unit opens as soon as the extractor stops, allowing the glycol to exit the machine and be collected in a tray.

**Approvals** UKCA and CE

**Dimensions** 1205 x 615 x 790mm  
47.44 x 24.22 x 31.10"

**Airflow / Pressure** 800m<sup>3</sup>/hr / 100mbar  
470cfm / 100mbar

**Technology**



**Datasheet download**  
[bofainternational.com/printpro-800-ds](http://bofainternational.com/printpro-800-ds)

OUR LEADING TECHNOLOGY



**iQ**  
Intelligent Operating System (iQ)



**DeepPleat**  
DeepPleat pre-filter



**DeepPleat DUO**  
DeepPleat DUO pre-filter



**HEPA**  
HEPA filter



**ACF**  
Advanced carbon filter technology

# PRODUCT FEATURES

## Comparison table

		DYE SUBLIMATION			
		PrintPRO Universal	PrintPRO 1000 IQ	PrintPRO Oracle DS	PrintPRO 800 DS
STANDARD FEATURES	VOC gas sensor	✓			
	Brushless motor	✓	✓	✓	✓
	Filter condition indicator	✓	✓	✓	✓
	High airflow and pressure rates	✓	✓	✓	✓
	Long-life, low-cost replacement filters	✓	✓	✓	✓
	MEK carbon	✓	✓		
	Small footprint	✓			
	Digital speed control	✓			
	'Easi-seal' filter location		✓	✓	✓
	Auto-sensing voltage (100-230V) for global use	✓		✓	
	Automatic flow control system		✓	✓	✓
	Intelligent Operating System (iQ)		✓		
	Lockable castors	✓	✓	✓	✓
	Fluid collection tray			✓	✓
	Reverse flow air technology		✓	✓	✓
	SureCHECK quality standard	✓	✓	✓	✓
	ProTECT	✓	✓	✓	✓
	UKCA/CE approvals	✓	✓	✓	✓
	UL* approval	✓	✓		
	cUL* approval	✓	✓		
OPTIONAL FEATURES	VOC gas sensor		✓	✓	✓
	Remote stop/start interface	✓	✓	✓	✓
	Filter change/system fail signal	✓	✓	✓	✓
	2 sponge filter version				✓
	Larger silencing inlet/outlet boxes	✓			

**TRAINING DESIGNED FOR YOU**

Free training modules delivered by our knowledgeable team, direct to you.

For more information visit [bofainternational.com/bofa-academy](http://bofainternational.com/bofa-academy)



Product availability may vary by region. Please contact BOFA with any questions.

\* Tested to UL and cUL standards, but testing may be provided by alternate nationally recognised test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.



**RFA**  
Reverse flow air technology



**AFC**  
Automatic flow control technology



**MVS**  
Multi-voltage sensing unit



**PATENTED**  
Patented technology



**SureCHECK**  
SureCHECK quality standard



**ProTECT**  
ProTECT service plan

# ADDITIVE MANUFACTURING / 3D PRINTING

## ATMOSPHERE MANAGEMENT SYSTEMS

3D PrintPRO and AM ranges

### Applications

Directed energy deposition

Binder jetting

Material extrusion

- FDM
- FFF

Material jetting

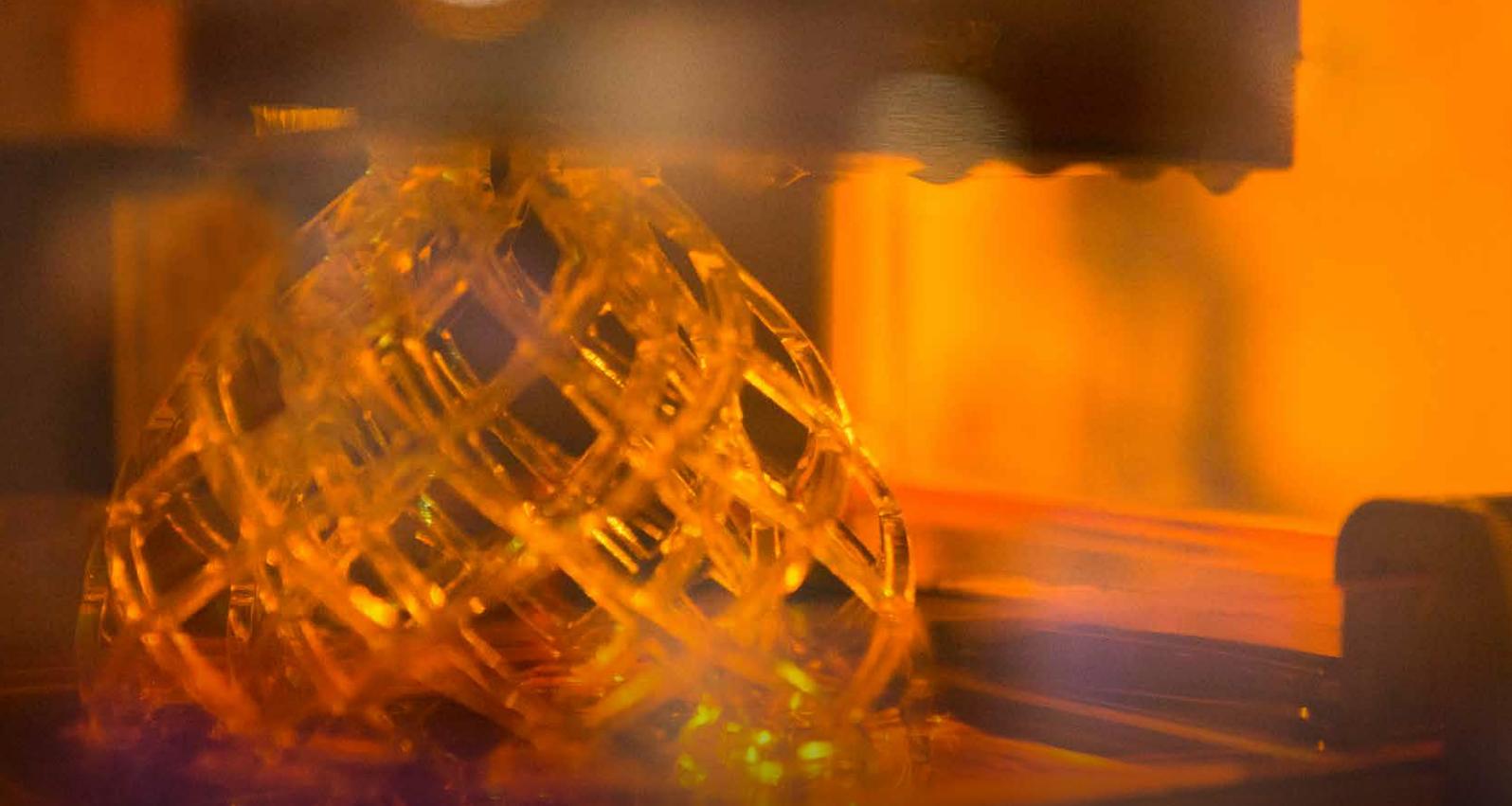
Powder bed fusion

- SLS
- SLM
- SHS
- EBM
- DMLS

Sheet lamination

VAT polymerisation

- Stereolithography
- Digital light projection



BOFA's range of AM and 3D PrintPRO atmosphere management systems is designed to filter the air from applications that generate particulate and gaseous organic compounds. The systems help to provide a clean print area and return filtered air back into the workplace environment.

## FEATURED PRODUCT – BEST IN CLASS



### AM 400 FUME EXTRACTOR

Designed and built specifically for inert particulate filtration, the AM 400 is the premium filtration and atmosphere management solution for the additive manufacturing industry. It offers significant benefits to users in direct metal laser sintering and selective laser melting polymer applications.

#### Standard features

- Intelligent Operating System (iQ)
- Reverse flow filter technology
- Real-time gasflow reading
- Automatic flow control
- Removable filter housing
- Isolation valve
- Electronic lift assist
- Low leakage
- Tri-clamp inlet & outlet connections

Designed and built specifically for inert particulate filtration

# ADDITIVE MANUFACTURING / 3D PRINTING FUME EXTRACTION

## 3D PrintPRO / AM range

### 3D PRINTING



#### 3D PrintPRO 2 FUME EXTRACTOR

The 3D PrintPRO 2 fume extractor is a low-cost unit that helps to filter fumes generated by the printer without causing the filament deposition area to be cooled.

It has the benefits of low noise levels and minimal power consumption. Each unit is supplied with a connection hose, 'stay put' arm, conical-shaped nozzle and 'print your own' plenum instructions.

**Approvals** UKCA and CE

Suitable for open framed 3D printers for:  
**FDM / FFF**

**Dimensions** 330 x 290 x 270mm  
12.99 x 11.42 x 10.63"

**Airflow** 45m<sup>3</sup>/hr  
26.5cfm

**Technology**



**Datasheet download**  
[bofainternational.com/3dprintpro-2](http://bofainternational.com/3dprintpro-2)



#### 3D PrintPRO 3 FUME EXTRACTOR

The 3D PrintPRO 3 fume extractor incorporates an externally mounted plenum system which helps to filter fumes generated during the printing process and returns filtered air to the operator's breathing zone.

It has the benefits of low cost, low power consumption and integral speed control. Each filtration unit is supplied with connection hoses and 'print your own' plenum instructions.

**Approvals** UKCA and CE | UL\*

Suitable for open framed 3D printers for:  
**FDM / FFF / SLA / DLP / MJ**

**Dimensions** 400 x 290 x 300mm  
15.75 x 11.42 x 11.81"

**Airflow** 150m<sup>3</sup>/hr  
88cfm

**Technology**



**Datasheet download**  
[bofainternational.com/3dprintpro-3](http://bofainternational.com/3dprintpro-3)



#### 3D PrintPRO 4 FUME EXTRACTOR

The 3D PrintPRO 4 provides a high fume extraction and filtration rate when connected to a large enclosed 3D printer via its extraction take-off point. The system can also return the filtered air either back to the printer enclosure for a cleaner print area or to the operator's breathing zone.

It combines a high flow rate with speed control within a compact free-standing unit. Each filtration unit is supplied with connection hoses and 'print your own' plenum instructions.

**Approvals** UKCA and CE

Suitable for open framed 3D printers for:  
**FDM / FFF / SLA / DLP**

**Dimensions** 625 x 385 x 525mm  
24.60 x 15.16 x 20.67"

**Airflow** 165m<sup>3</sup>/hr  
97cfm

**Technology**



**Datasheet download**  
[bofainternational.com/3dprintpro-4](http://bofainternational.com/3dprintpro-4)

\* Tested to UL and cUL standards, but testing may be provided by alternate nationally recognised test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.

#### AD Oracle iQ

For large scale additive manufacturing machines.

Suitable for:  
SLA / DLP / MJ / SLS / SLS / BJ / DED.



#### FumeCAB 1000 iQ

Photopolymer printing and post-processing extraction in one enclosure.

Suitable for:  
SLA / DLP / MJ / SLS / SLS / BJ / DED



OUR LEADING TECHNOLOGY



**iQ**  
Intelligent Operating System (iQ)



**DeepPleat**  
DeepPleat pre-filter



**DeepPleat DUO**  
DeepPleat DUO pre-filter



**HEPA**  
HEPA filter



**ACF**  
Advanced carbon filter technology

AM



### AM 400 FUME EXTRACTOR

Designed and built specifically for inert particulate filtration, the AM 400 is the premium filtration and atmosphere management solution for the additive manufacturing industry.

It offers significant benefits to users in direct metal laser sintering and selective laser melting polymer applications.

**Approvals** UKCA and CE

Dimensions	790 x 857 x 1670mm 31 x 33.74 x 65.74"
Pressure	9mbar
Minimum flow rate	150m <sup>3</sup> /hr 88cfm
Maximum flow rate	330m <sup>3</sup> /hr 188cfm

Technology



**Datasheet download**  
[bofainternational.com/am-400](http://bofainternational.com/am-400)

## Work with BOFA to create the appropriate system for you...

The 3D printing and additive manufacturing industry is moving at a rapid pace with new materials and processes being tested and implemented all the time.

We already work with companies to create personalised and bespoke systems, whether they are stand alone, ride on, or integrated systems.

## PERSONALISED SYSTEMS

### Product customisation

Speak to our knowledgeable team about your specific requirements and how we can work with you to create the appropriate system to complement your product.

- Sockets and connectors
- VOC sensor
- Compressor
- Air conditioner

### Customisable controls and communications

- Universal voltage system – one part number worldwide
- Auto start/stop
- Overrun
- Warnings and alarm outputs

### Customised branding

- Standard BOFA unit
- + product branding
- + your specific paint colour
- + accessories
- + spare filters
- + hose kit

## BESPOKE SYSTEMS

### Unique products

Working with BOFA, you'll have access to our unrivalled knowledge to develop bespoke, personalised systems.



Unit, filters, and accessories specific to your requirements.



# PRODUCT FEATURES

## Comparison table

		POST-PROCESSING					
		3D PrintPRO 2	3D PrintPRO 3	3D PrintPRO 4	AM 400	AD Oracle IQ	FumeCAB 1000 IQ
STANDARD FEATURES	Brushless motor	✓	✓	✓	✓	✓	✓
	Filter condition indicator	✓	✓	✓	✓	✓	✓
	High airflow and pressure rates					✓	
	Long-life, low-cost replacement filters	✓	✓	✓	✓	✓	✓
	Small footprint	✓	✓	✓			
	Digital speed control		✓	✓			
	'Easi-seal' filter location				✓	✓	✓
	Auto-sensing voltage (100-230V) for global use	✓	✓			✓	
	Automatic flow control system				✓	✓	✓
	Intelligent Operating System (IQ)				✓	✓	✓
	Lockable castors			✓	✓	✓	
	Reverse flow air technology			✓	✓	✓	✓
	SureCHECK quality standard	✓	✓	✓	✓	✓	✓
	ProTECT	✓	✓	✓	✓	✓	✓
	UKCA/CE approvals	✓	✓	✓	✓	✓	✓
OPTIONAL FEATURES	UL* approval					✓	
	cUL* approval					✓	
	VOC gas sensor					✓	✓
	Remote stop/start interface	✓	✓	✓		✓	
	Filter change/system fail signal					✓	

Product availability may vary by region. Please contact BOFA with any questions.

### FILTER TECHNOLOGY

The majority of systems in the 3D / AM range incorporate three-stage filtration: pre-filter, HEPA and chemical section. For more information visit [bofainternational.com/filters](http://bofainternational.com/filters)

### ACCESSORIES

We have a wide range of hose kits to complement these ranges. You'll find the shape, size and combinations most suited to your application.

For more information, contact your sales representative or visit [bofainternational.com/accessories](http://bofainternational.com/accessories)

### TRAINING DESIGNED FOR YOU

Free training modules delivered by our knowledgeable team, direct to you.

For more information visit [bofainternational.com/bofa-academy](http://bofainternational.com/bofa-academy)



OUR LEADING TECHNOLOGY



**iQ**  
Intelligent Operating System (iQ)



**DeepPleat**  
DeepPleat pre-filter



**DeepPleat DUO**  
DeepPleat DUO pre-filter



**HEPA**  
HEPA filter



**ACF**  
Advanced carbon filter technology

# MECHANICAL ENGINEERING

## DUST EXTRACTION

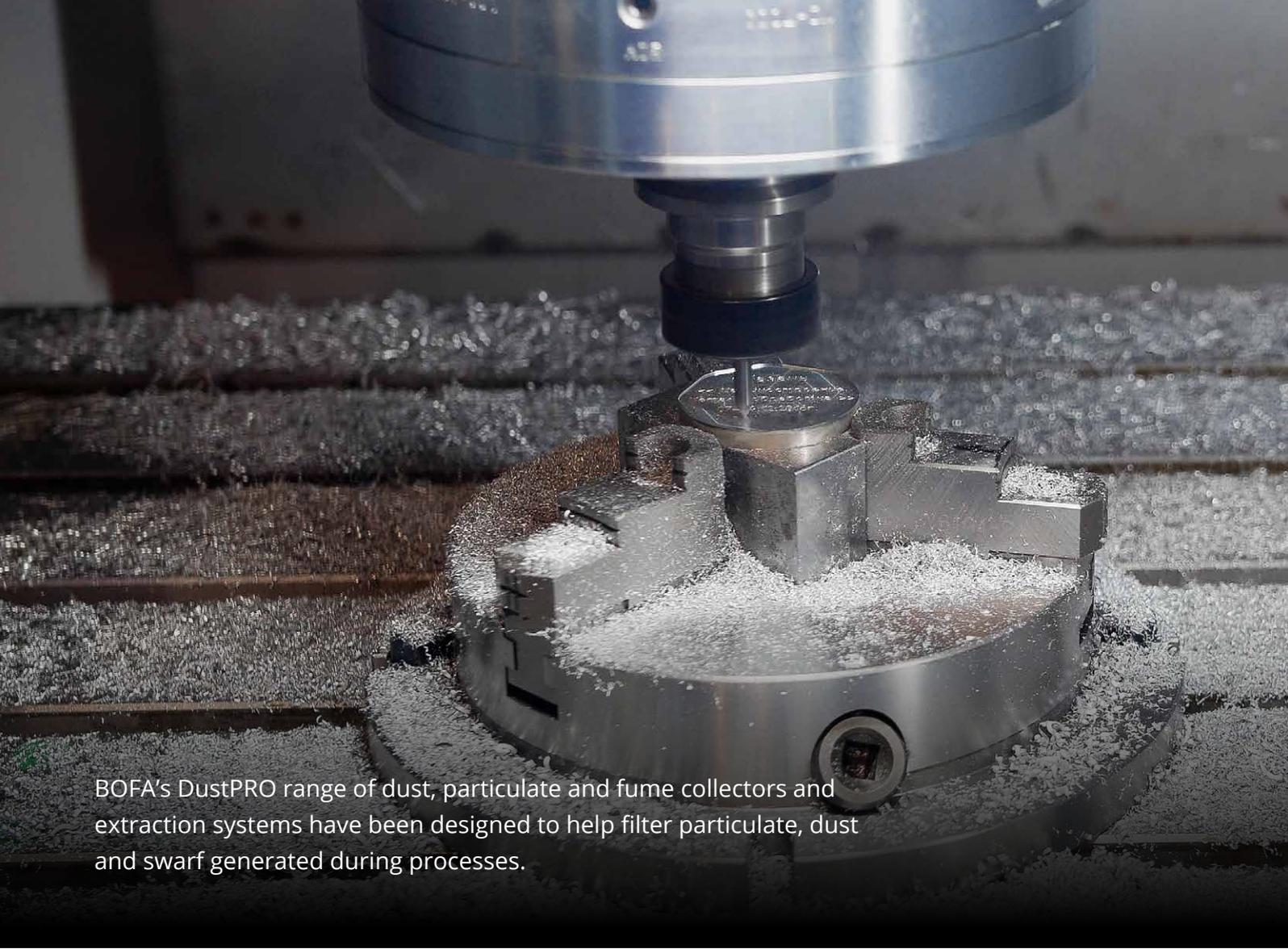
DustPRO range

### Applications

Artifact restoration  
Buffing  
Chip collectors  
CNC  
Drilling

Dust collectors  
Filing  
Flicking  
Grinding  
Linishing

Mechanical engraving  
Rotary engraving  
Routing  
Sanding



BOFA's DustPRO range of dust, particulate and fume collectors and extraction systems have been designed to help filter particulate, dust and swarf generated during processes.

## FEATURED PRODUCT – BEST IN CLASS



### DustPRO Universal DUST EXTRACTOR

BOFA's DustPRO Universal stand-alone dust extraction unit has been developed to help filter swarf and particulates during processes such as routing, mechanical engraving, grinding and turning.

#### Standard features

- Digital speed control - for variable airflow rates
- Auto-sensing voltage (100-230V) for global use
- Filters with long life and low replacement cost
- High-vacuum blower for effective filtering from source
- Brushless motor = longer life
- High-efficiency, five-layer, large-capacity, easy change filter
- HEPA filtration
- Filter full indicator
- Quiet in operation
- Small footprint

The unit's high-vacuum pump is brushless and designed for long-term continuous running.

OUR LEADING  
TECHNOLOGY



iQ  
Intelligent Operating  
System (iQ)



DeepPleat  
DeepPleat  
pre-filter



DeepPleat DUO  
DeepPleat DUO  
pre-filter



HEPA  
HEPA filter



ACF  
Advanced carbon  
filter technology



### DustPRO 50 DUST EXTRACTOR

The DustPRO 50 is a small, compact, high-vacuum unit with a large-capacity bag filter designed for lightweight applications.

One of the main problems with other router extraction systems relates to the type of blower used. Most have brushed motors which are noisy in operation and frequently burn out, with the average life of brushes being around 800 hours. The blower used in BOFA's DustPRO 50 dust and fume extraction system is brushless and designed for continuous running before requiring servicing.

**Approvals** UKCA and CE

Dimensions 575 x 320 x 295mm  
22.64 x 12.60 x 11.61"

Airflow / Pressure 80m<sup>3</sup>/hr / 100mbar  
47cfm / 100mbar

Technology



**Datasheet download**  
[bofainternational.com/dustpro-50](http://bofainternational.com/dustpro-50)



### DustPRO 100 DUST EXTRACTOR

This unit has been developed for the effective filtering of swarf and particulates created during processes such as routing, mechanical engraving, grinding and turning. Its brushless motor is designed for continuous running and generates high vacuums while being quiet in operation. The large capacity bag filter has a very high efficiency.

**Approvals** UKCA and CE

Dimensions 570 x 460 x 730mm  
22.44 x 18.11 x 28.74"

Airflow / Pressure 180m<sup>3</sup>/hr / 110mbar  
105cfm / 110mbar

Technology



**Datasheet download**  
[bofainternational.com/dustpro-100](http://bofainternational.com/dustpro-100)



### DustPRO 250 DUST EXTRACTOR

BOFA's DustPRO 250 has a high airflow that helps to enable a stronger extraction. The blower used in the DustPRO 250 is brushless and designed for longer continuous running before requiring servicing. It benefits from a HEPA filter and a large, 6.4 liter bag filter.

The optional 24V start/stop and filter change system failure signal helps to ensure efficiency in the running of the unit.

**Approvals** UKCA and CE

Dimensions 520 x 290 x 270mm  
20.47 x 11.42 x 10.63"

Airflow / Pressure 180m<sup>3</sup>/hr / 30mbar  
105cfm / 30mbar

Technology



**Datasheet download**  
[bofainternational.com/dustpro-250](http://bofainternational.com/dustpro-250)



### DustPRO 400 DUST EXTRACTOR

The high-vacuum blower used in the DustPRO 400 is the most powerful amongst the smaller units in the DustPRO range. It is brushless and designed for longer continuous running before requiring servicing. The bag filter has a large 6.4 litre capacity and the HEPA filter has an efficiency of 99.995% removal at 0.3 microns.

**Approvals** UKCA and CE

Dimensions 600 x 290 x 270mm  
23.62 x 11.42 x 10.63"

Airflow / Pressure 380m<sup>3</sup>/hr / 96mbar  
235cfm / 96mbar

Technology



**Datasheet download**  
[bofainternational.com/dustpro-400](http://bofainternational.com/dustpro-400)



# MECHANICAL ENGINEERING DUST EXTRACTION

DustPRO range



## DustPRO Universal DUST EXTRACTOR

The DustPRO Universal is BOFA's first choice industrial stand-alone dust extraction and filtration system. Due to its high airflow and pressure rates, combined with a large 18 litre capacity filter bag and HEPA filter, this unit is compact and versatile, meaning you can position it in a location to suit your application without hindering your process.

The unit's high vacuum blower is brushless and designed for longer running before requiring servicing.

**Approvals** UKCA and CE | cUL | UL\*

**Dimensions** 590 x 460 x 535mm  
23.23 x 18.11 x 21.06"

**Airflow / Pressure** 285m<sup>3</sup>/hr / 96mbar  
167cfm / 96mbar

**Technology**



**Datasheet download**  
[bofainternational.com/dustpro-universal](http://bofainternational.com/dustpro-universal)



## DustPRO 500 iQ / 1000 iQ / 1500 iQ DUST EXTRACTORS

These mid to high-end extraction systems combine a 100 litre filter capacity pre-filter with high airflow and pressure rates, making them the ideal choice for heavy-duty applications that generate large amounts of particulate, with the added protection of the large HEPA filter.

One of the main problems with other dust extractors relates to the type of blower used. Most have brushed motors which are noisy in operation and frequently burn out, with the average life of brushes being around 800 hours. The blower used in these three units is brushless and designed for longer continuous running before requiring servicing.

Performance is further enhanced with the inclusion of several features including our Intelligent Operating System (iQ).

**Approvals** UKCA and CE | cUL | UL

**Dimensions** 1205 x 615 x 790mm  
47.44 x 24.21 x 31.10"

**DustPRO 500 iQ**  
**Airflow / Pressure** 550m<sup>3</sup>/hr / 100mbar  
324cfm / 100mbar

**DustPRO 1000 iQ**  
**Airflow / Pressure** 850m<sup>3</sup>/hr / 100mbar  
500cfm / 100mbar

**DustPRO 1500 iQ**  
**Airflow / Pressure** 1250m<sup>3</sup>/hr / 100mbar  
735cfm / 100mbar

**Technology**



**Datasheet download**  
[bofainternational.com/dustpro-500-iq](http://bofainternational.com/dustpro-500-iq)  
[bofainternational.com/dustpro-1000-iq](http://bofainternational.com/dustpro-1000-iq)  
[bofainternational.com/dustpro-1500-iq](http://bofainternational.com/dustpro-1500-iq)



## Mobile FumeKART DUST EXTRACTOR

The FumeKART is the ideal portable air extraction and filtration unit and can be applied to a variety of applications.

Designed to filter dust particles, mould spores, solvent vapours and other pollutants from the work environment, the Mobile FumeKART is easy to operate and maintain and provides the additional benefit of being fully portable.

Users have the flexibility and the assurance of high performance filtration. A filter condition indicator is included as a standard feature, together with three-stage filtration: pre-filter, HEPA and gas filter.

**Approvals** UKCA and CE

**Dimensions** 840 x 475 x 550mm  
33.07 x 18.7 x 21.65"

**Airflow / Pressure** 380m<sup>3</sup>/hr / 100mbar  
223cfm / 100mbar

**Technology**



**Datasheet download**  
[bofainternational.com/mobile-fumekart](http://bofainternational.com/mobile-fumekart)

\* Tested to UL and cUL standards, but testing may be provided by alternate nationally recognised test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.

OUR LEADING TECHNOLOGY



**iQ**  
Intelligent Operating System (iQ)



**DeepPleat**  
DeepPleat pre-filter



**DeepPleat DUO**  
DeepPleat DUO pre-filter



**HEPA**  
HEPA filter



**ACF**  
Advanced carbon filter technology

# PRODUCT FEATURES

## Comparison table

	DustPRO 50	DustPRO 100	DustPRO 250	DustPRO 400	DustPRO Universal	DustPRO 500 IQ	DustPRO 1000 IQ	DustPRO 1500 IQ	Mobile FumeKART
STANDARD FEATURES	Compact design	✓	✓	✓					✓
	Auto-sensing voltage (100-230V) for global use			✓	✓				
	Digital speed control			✓	✓				✓
	Automatic flow control system					✓	✓	✓	
	Brushless motor	✓	✓	✓	✓	✓	✓	✓	✓
	Filter blocked indicator		✓	✓	✓	✓	✓	✓	✓
	HEPA filter technology		✓	✓	✓	✓	✓	✓	✓
	Reserve flow air technology					✓	✓	✓	
	Intelligent Operating System (iQ)					✓	✓	✓	
	Patented technology					✓	✓	✓	
	UKCA/CE approvals	✓	✓	✓	✓	✓	✓	✓	✓
	UL* approval				✓	✓	✓	✓	
	cUL* approval				✓	✓	✓	✓	
	SureCHECK quality standard	✓	✓	✓	✓	✓	✓	✓	✓
	ProTECT	✓	✓	✓	✓	✓	✓	✓	✓
OPTIONAL FEATURES	Remote stop/start interface		✓	✓	✓	✓	✓		
	Filter change/system fail signal			✓	✓	✓	✓		
	Onboard compressor					✓	✓		
	Variety of arms/hoods								✓

Product availability may vary by region. Please contact BOFA with any questions.

### FILTER TECHNOLOGY

The DustPRO range incorporates large pre-filter bags, coupled with HEPA filters to provide maximum long life capacity, operator safety and low cost of ownership. This combination helps to provide filtration for any industrial application.

For more information visit [bofainternational.com/filters](http://bofainternational.com/filters)

### INLINE FILTERS

We have a range of inline filters ideal for heavy duty applications.

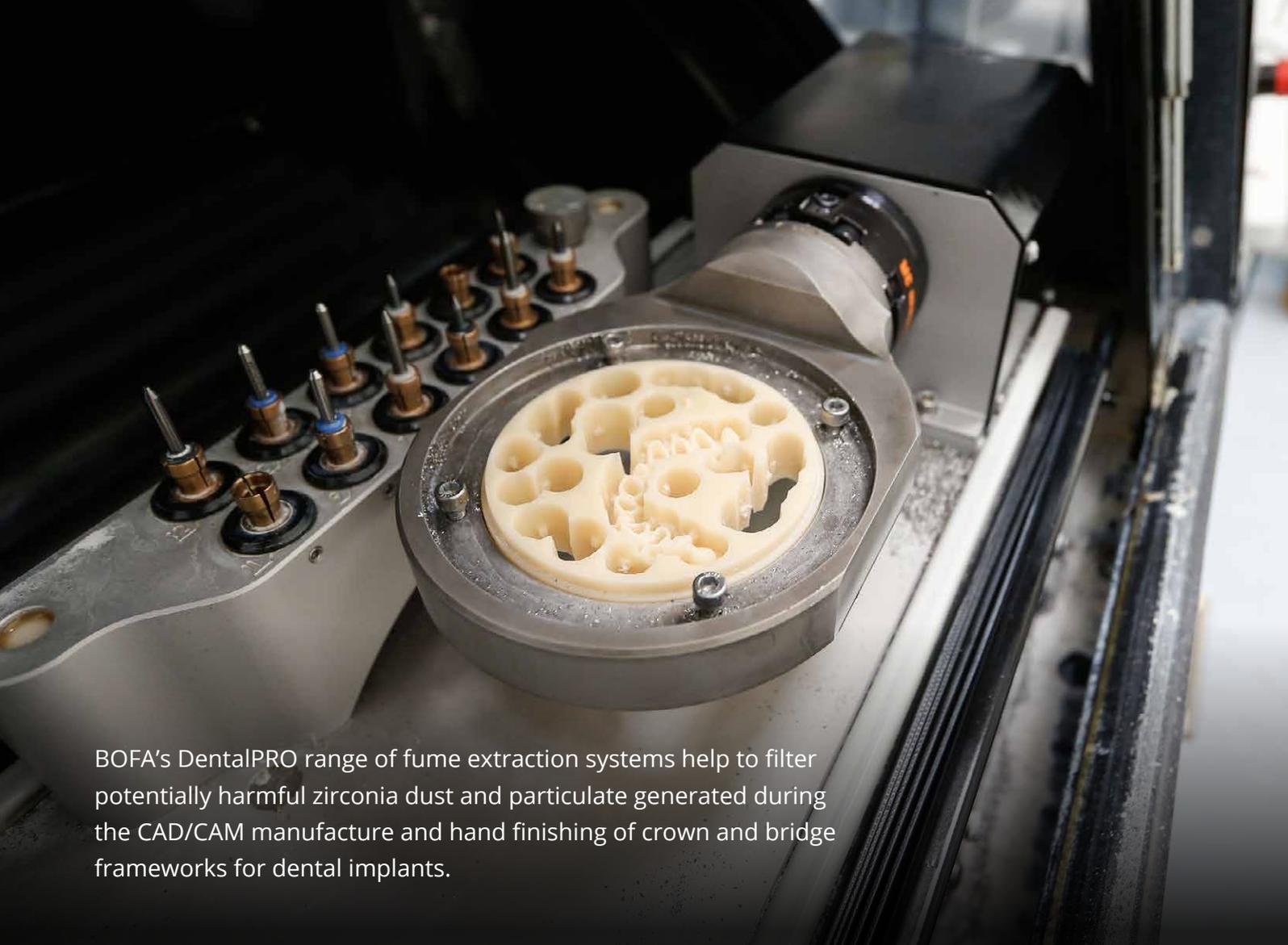
### ACCESSORIES

BOFA has an extensive selection of hose kits to fit all types of applications and processes.

For more information, contact your sales representative or visit [bofainternational.com/accessories](http://bofainternational.com/accessories)







BOFA's DentalPRO range of fume extraction systems help to filter potentially harmful zirconia dust and particulate generated during the CAD/CAM manufacture and hand finishing of crown and bridge frameworks for dental implants.

**FEATURED PRODUCT – BEST IN CLASS**

**DentalPRO Xtract 300**

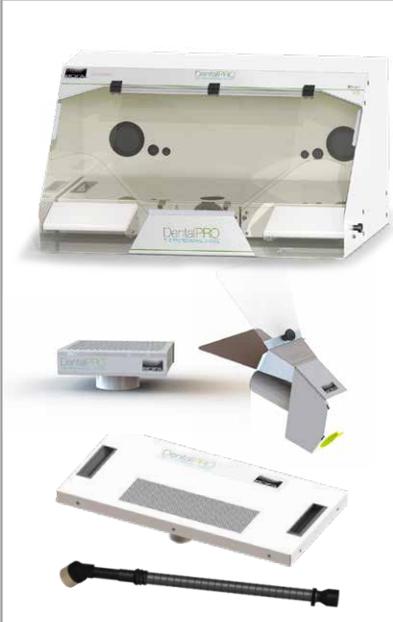
The Xtract 300 is ideally suited to manual bench top applications and provides technicians the flexibility to work without restriction in the knowledge that dust particles and fumes are being effectively filtered to maintain a safer working environment.

This system combines maximum technician protection in one compact unit, with scalable and flexible options with different accessories, lighting and internal storage.

**Standard features**

- Easily replaced screen protector helps to ensure clear visibility at all times
- Internal storage trays
- Padded arm rests
- Internal LED lighting
- Rear entry grommets for mains powered hand finishing units
- Interchangeable accessories
- Removable collection trays
- Strong, rigid construction

Flagship dust and fume extraction dental cabinet designed for multiple hand finishing or monomer mixing applications.



# DENTAL DUST AND FUME EXTRACTION

DentalPRO range



## DentalPRO 400 DUST EXTRACTOR

This under-bench multi-user system effectively filters particulates generated during the hand finishing of dental implants and is ideally suited to manual bench top applications. Technicians can work without restriction, but in the knowledge that potential dust particles are being effectively filtered to help maintain a safer working environment.

A brushless high vacuum blower for longer continuous running before requiring servicing, a bag filter with a large 6.4 litre capacity and a HEPA filter makes this unit perfect for dental hand finishing work for multiple users and low running costs.

**Approvals** UKCA and CE

**Dimensions** 595 x 290 x 275mm  
23.43 x 11.42 x 10.83"

**Airflow / Pressure** 400m<sup>3</sup>/hr / 96mbar  
235cfm / 96mbar

**Technology**



**Datasheet download**  
[bofainternational.com/dentalpro-400](http://bofainternational.com/dentalpro-400)



## DentalPRO Universal DUST EXTRACTOR

BOFA's DentalPRO Universal stand-alone dust extraction system helps to filter smaller particulates generated during the CAD/CAM milling of dental implants. The unit's high-efficiency, two-stage filtration process allows technicians to work safe in the knowledge that dust particles are being effectively filtered to maintain a cleaner working environment.

The unit's high vacuum pump is brushless and designed for continuous running for longer periods of time before requiring servicing. It benefits from a HEPA filter and a large, 18-litre bag filter.

**Approvals** UKCA and CE

**Dimensions** 590 x 460 x 535mm  
23.23 x 18.11 x 21.06"

**Airflow / Pressure** 285m<sup>3</sup>/hr / 96mbar  
167cfm / 96mbar

**Technology**



**Datasheet download**  
[bofainternational.com/dentalpro-universal](http://bofainternational.com/dentalpro-universal)



## DentalPRO Base DUST EXTRACTOR

BOFA's DentalPRO Base is a ride on dust extraction system, which helps to filter particulates generated during the CAD/CAM milling of dental implants. The unit is designed for the milling machine to be securely placed on top of the extraction system, which itself doubles up as a space saving stand.

The unit's high efficiency two-stage filtration process allows technicians to work safe in the knowledge that dust particles are being effectively filtered, to maintain a cleaner working environment. The bag filter has a large 18 litre capacity and the HEPA filter has an efficiency of 99.995% down to 0.3 microns.

The high-vacuum blower is brushless and designed for longer continuous running before requiring servicing. An added optional extra is an onboard compressor providing the miller with clean oil-free air for all compressed air requirements.

**Approvals** UKCA and CE

**Dimensions** 610 x 670 x 765mm  
24.02 x 26.38 x 30.12"

**Airflow / Pressure** 285m<sup>3</sup>/hr / 96mbar  
167cfm / 96mbar

**Technology**



**Datasheet download**  
[bofainternational.com/dentalpro-base](http://bofainternational.com/dentalpro-base)



## DentalPRO 1000 iQ M DUST EXTRACTOR

This unit combines extremely large filter capacity with high airflow and pressure rates, making it the ideal choice for heavy duty applications that generate larger amounts of particulate during the CAD / CAM milling of dental implants. It is designed as a centralised system, for multiple milling machines.

The high-efficiency, two-stage filtration process allows technicians to work safe in the knowledge that dust particles and fumes are being filtered, to maintain a cleaner working environment. The large capacity bag filter provides long life, while the HEPA filter has an efficiency of 99.995% down to 0.3 microns helping to ensure a safer working environment.

**Approvals** UKCA and CE

**Dimensions** 1205 x 615 x 790mm  
47.44 x 24.21 x 31.10"

**Airflow / Pressure** 850m<sup>3</sup>/hr / 100mbar  
500cfm / 100mbar

**Technology**



**Datasheet download**  
[bofainternational.com/dentalpro-1000-iq-m](http://bofainternational.com/dentalpro-1000-iq-m)

OUR LEADING TECHNOLOGY



**iQ**  
Intelligent Operating System (iQ)



**DeepPleat**  
DeepPleat pre-filter



**DeepPleat DUO**  
DeepPleat DUO pre-filter



**HEPA**  
HEPA filter



**ACF**  
Advanced carbon filter technology



### DentalPRO Xtract 100

BOFA's DentalPRO Xtract 100 dust and fume extraction cabinet is designed for the effective filtering of potentially harmful dust and fumes generated during dental hand finishing or monomer mixing applications.

This unit is ideally suited to manual bench top applications and provides technicians with a well-lit enclosure, giving them the flexibility to work without restriction in the knowledge that dust particles and fumes are being effectively filtered to help maintain a safer working environment.

This system combines maximum technician protection in a small footprint, with scalable and flexible options.

**Approvals** UKCA and CE

**Dimensions** 290 x 400 x 345mm  
11.42 x 15.75 x 13.58"

**Opening Dimensions** 265 x 400mm  
10.4 x 15.6"

**Technology**



**Datasheet download**  
[bofainternational.com/dentalpro-xtract-100](http://bofainternational.com/dentalpro-xtract-100)



### DentalPRO Xtract 200

BOFA's DentalPRO Xtract 200 dust and fume extraction cabinet is designed for the effective filtering of potentially harmful dust and fumes generated during dental hand finishing or monomer mixing applications.

This unit is ideally suited to manual bench top applications and provides technicians with a larger well-lit enclosure, giving them the flexibility to work without restriction in the knowledge that dust particles and fumes are being effectively filtered to help maintain a safer working environment.

This system combines maximum technician protection in a small footprint, with scalable and flexible options.

**Approvals** UKCA and CE

**Dimensions** 355 x 540 x 400mm  
13.98 x 21.26 x 15.75"

**Opening Dimensions** 315 x 540mm  
12.4 x 21.3"

**Technology**



**Datasheet download**  
[bofainternational.com/dentalpro-xtract-200](http://bofainternational.com/dentalpro-xtract-200)



### DentalPRO Xtract 300

Dust and fume extraction cabinet for multiple hand finishing dental laboratory applications. BOFA's DentalPRO Xtract 300 dust and fume extraction dental cabinet is designed for the effective filtering of potentially harmful dust and fumes generated during dental hand finishing or monomer mixing applications.

This unit is ideally suited to manual bench top applications and provides technicians with a large well-lit enclosure, giving them the flexibility to work without restriction in the knowledge that potential dust particles and fumes are being effectively filtered to help maintain a safer working environment.

This system combines maximum technician protection in one compact unit, with scalable and flexible options with different accessories, lighting and internal storage.

**Approvals** UKCA and CE

**Dimensions** 380 x 730 x 520mm  
14.96 x 28.74 x 20.47"

**Opening Dimensions** 380 x 695mm  
14.96 x 27.36"

**Technology**



**Datasheet download**  
[bofainternational.com/dentalpro-xtract-300](http://bofainternational.com/dentalpro-xtract-300)

### DentalPRO accessories

BOFA offers a choice of interchangeable specialist accessories designed to work with the DentalPRO range, for use in all dental laboratory applications.

For more information, visit  
[bofainternational.com/dental-accessories](http://bofainternational.com/dental-accessories)



# PRODUCT FEATURES

## Comparison table

		DentalPRO 400	DentalPRO Universal	DentalPRO Base	DentalPRO 1000 iQ M	CABINETS		
					DentalPRO Xtract 100	DentalPRO Xtract 200	DentalPRO Xtract 300	
STANDARD FEATURES	Compact design	✓			✓	✓	✓	
	Auto-sensing voltage (100-230V) for global use	✓	✓	✓				
	Digital speed control	✓	✓	✓				
	Automatic flow control system				✓			
	Brushless motor	✓	✓	✓	✓			
	Filter blocked indicator	✓	✓	✓	✓			
	Advanced carbon filter technology							
	HEPA filter technology	✓	✓	✓	✓			
	Reverse flow air technology				✓			
	Patented technology				✓			
	Replaceable protector screen					✓	✓	✓
	Internal LED strip light					✓	✓	✓
	Side entry grommets					✓	✓	✓
	Removable collection tray					✓	✓	✓
	Intelligent Operating System (iQ)				✓			
	UKCA/CE approvals	✓	✓	✓	✓	✓	✓	✓
	SureCHECK quality standard	✓	✓	✓	✓	✓	✓	✓
ProTECT	✓	✓	✓	✓	✓	✓	✓	
OPTIONAL FEATURES	VOC gas sensor (Volatile Organic Compound)							
	Remote stop/start interface	✓	✓	✓	✓			
	Filter change/system fail signal	✓	✓		✓			
	Foot switch	✓						
	90° spigot lid							
	Onboard compressor			✓	✓			

We have a comprehensive range of extraction systems suitable for laboratories and industrial processes, whether they generate small amounts of fine particulate or large volumes of dust.

### FILTER TECHNOLOGY

For more information visit [bofainternational.com/filters](http://bofainternational.com/filters)

### ACCESSORIES

BOFA has an extensive selection of hose kits to fit all types of applications and processes. There are a large number of product options too - speak to your sales representative or visit [bofainternational.com/accessories](http://bofainternational.com/accessories)



### TRAINING DESIGNED FOR YOU

Free training modules delivered by our knowledgeable team, direct to you.

For more information visit [bofainternational.com/bofa-academy](http://bofainternational.com/bofa-academy)

Product availability may vary by region. Please contact BOFA with any questions.

OUR LEADING TECHNOLOGY



iQ Intelligent Operating System (iQ)



DeepPleat DeepPleat pre-filter



DeepPleat DUO DeepPleat DUO pre-filter



HEPA HEPA filter



ACF Advanced carbon filter technology





Our pharmaceutical and medical fume extraction range can be applied to a number of related applications associated with R&D laboratories and manufacturing facilities. They are ideal for applications that require the operator to work in close proximity to the process for precision accuracy but within an enclosed area.

**FEATURED PRODUCT – BEST IN CLASS**



**FumeCAB 1000 iQ EXTRACTION CABINET**

The high-performance FumeCAB 1000 iQ integrated filtration system boasts a large working area with bright, ultra-slim, energy saving LED strip lights plus UV lights as optional.

**Standard features**

- Combined HEPA/gas filter incorporating advanced carbon filter technology
- Certified to BS 7989:2001 - re-circulatory filtration fume cabinet specification
- Helps ensure operational compliance with HSG258 guidelines
- Energy saving, ultra-bright, slimline LED lighting
- Twin coated anti-UV/anti-splash protective polycarbonate visor
- Audible and visual warning alarms
- Optional: ESD compatible

Integrated filtration cabinet that helps to ensure compliance with legislations.





### FumeCAB 250 EXTRACTION CABINET

A small but versatile fume cabinet, which can be used for an array of applications.

Partial enclosures are steadily becoming the preferred option for operator protection from fumes generated from processes that produce potentially harmful fumes.

**Ideal partner to the V 250**

Dimensions 290 x 400 x 300mm  
11.42 x 15.75 x 11.81"

Opening Dimensions 265 x 400mm  
10.4 x 15.7"

Technology



**Datasheet download**

[bofainternational.com/fumecab-250](http://bofainternational.com/fumecab-250)



### FumeCAB 600 EXTRACTION CABINET

Providing a larger working area with higher airflow for use in several applications, the FumeCAB 600 boasts the same features as the FumeCAB 250 and works alongside the V 600 extraction system to help protect the operator and process.

**Ideal partner to the V 600**

Dimensions 355 x 610 x 420mm  
13.98 x 24.02 x 16.54"

Opening Dimensions 315 x 540mm  
12.4 x 21.3"

Technology



**Datasheet download**

[bofainternational.com/fumecab-600](http://bofainternational.com/fumecab-600)



### FumeCAB 700 EXTRACTION CABINET

Partial enclosures are becoming the recommended extraction option for a variety of applications. Government bodies, including the HSE in the UK, are now making direct reference through guidance documentation — such as HSG258 — to their use.

The innovative cam filter change design helps enable safer and simple front loading filter replacement and provides many benefits over alternative rear access systems. Ultra-bright, slim line energy saving LED lights come as standard with optional UV lighting.

**Approvals** UKCA and CE

Dimensions 780 x 700 x 490mm  
30.71 x 27.56 x 19.29"

Opening Dimensions 675 x 225mm  
26 x 8.8"

Technology



**Datasheet download**

[bofainternational.com/fumecab-700](http://bofainternational.com/fumecab-700)



### FumeCAB 1000 iQ EXTRACTION CABINET

The FumeCAB 1000 iQ integrated filtration system has been designed to help ensure compliance with the latest regulations.

Partial enclosures are becoming the recommended extraction option for a variety of applications. Government bodies, including the HSE in the UK, are now making direct reference through guidance documentation — such as HSG258 — to their use.

Ultra-bright, slimline energy saving LED lights come as standard with optional UV lighting.

The FumeCAB 1000 iQ is available in different options to suit your application. We offer tall, deep, and with ESD or conformal coating.

**Approvals** UKCA and CE

Dimensions 1003 x 1000 x 655mm  
39.49 x 39.37 x 25.79"

Opening Dimensions 285 x 1000 x 650mm  
11.2 x 39.4 x 25.6"

Technology



**Datasheet download**

[bofainternational.com/fumecab-1000-iq](http://bofainternational.com/fumecab-1000-iq)



# PRODUCT FEATURES

## Comparison table

	FumeCAB 250	FumeCAB 600	FumeCAB 700	FumeCAB 1000 IQ
Compact size	✓	✓		
Brushless motor			✓	✓
Side entry grommets			✓	✓
Audible and visual warning alarms			✓	✓
Filter blocked indicator			✓	✓
Advanced carbon filter technology			✓	✓
HEPA filter technology			✓	✓
LED strip lights	✓	✓	✓	✓
Intelligent Operating System (IQ)				✓
Reverse flow filter technology			✓	✓
Automatic flow control system			✓	✓
Patented technology				✓
Hose kit	✓	✓		
UKCA/CE approvals	✓	✓	✓	✓
SureCHECK quality standard	✓	✓	✓	✓
ProTECT	✓	✓	✓	✓
VOC monitor			✓	✓
Stand			✓	✓

Product availability may vary by region. Please contact BOFA with any questions.

We have a comprehensive range of extraction systems suitable for laboratories and industrial processes, whether they generate small amounts of fine particulate or large volumes of dust.

### FILTER TECHNOLOGY

The integrated FumeCAB helps provide a safer working environment, protected by a three-stage filtration system consisting of a cheaper, more cost effective pre-filter, HEPA filter and a large carbon filter specifically designed to filter the particulate and fumes generated in pharmaceutical and medical applications.

For more information visit [bofainternational.com/filters](http://bofainternational.com/filters)

### ACCESSORIES

BOFA has an extensive selection of hose kits to fit all types of applications and processes. There are a large number of product options too - speak to your sales representative or visit [bofainternational.com/accessories](http://bofainternational.com/accessories)

STANDARD FEATURES

OPTIONAL FEATURES

### TRAINING DESIGNED FOR YOU

Free training modules delivered by our knowledgeable team, direct to you.



For more information visit [bofainternational.com/bofa-academy](http://bofainternational.com/bofa-academy)



OUR LEADING TECHNOLOGY



**iQ**  
Intelligent Operating System (iQ)



**DeepPleat**  
DeepPleat pre-filter



**DeepPleat DUO**  
DeepPleat DUO pre-filter



**HEPA**  
HEPA filter



**ACF**  
Advanced carbon filter technology

# ACCESSORIES

Dust and fume extraction products

## ARMS



<b>Funnel</b>	Available in 32mm (1.26"), 38mm (1.5"), 50mm (1.97"), 75mm (2.95") Also available in stainless steel
<b>Nozzle</b>	Available in 32mm (1.26"), 38mm (1.5"), 50mm (1.97") Also available in stainless steel
<b>Slotted nozzle</b>	Available in 50mm (1.97")
<b>Plenum funnel</b>	Available in 50mm (1.97")
<b>LED</b>	Available in white and black
<b>LocLINE</b>	Available in 75mm (2.95") and variety of nozzles



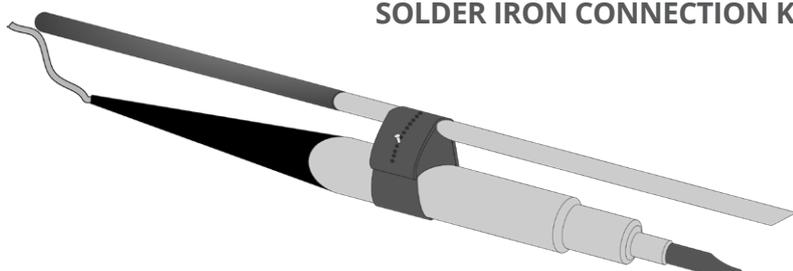
## DESKTOP ACCESSORIES



<b>Down-draught tray</b>	Available in 50mm (1.97"), 75mm (2.95")
<b>Cowl</b>	Available in 50mm (1.97"), 75mm (2.95") Also available in clear and ESD (black)
<b>Table bracket</b>	Available in 50mm (1.97"), 75mm (2.95")
<b>Automatic flush system seal</b>	Available for 32mm (1.26"), 38mm (1.5"), 50mm (1.97")
<b>Bench peg</b>	50mm (1.97") connection



## SOLDER IRON CONNECTION KITS



Ideal partner to:

- T 1
- T 15

# ACCESSORIES

Dust and fume extraction products



## PIPEWORK

We offer a wide range of pipework available in 50mm, 75mm, 110mm, 125mm. Speak to your sales representative to help ensure you get the right pipework for your system.



## TCU

The Temperature Control Unit (TCU) has been designed to meet a very specific process requirement within the electronics sector. The reliable placement of surface mount devices during PCB assembly requires that during the initial printing stage the solder paste is maintained at a temperature which helps to ensure optimum performance. With assembly now on a global basis the variation of local climate and factory conditions means that this optimum level cannot be maintained without some form of intervention.

The design of the TCU includes cooling and heating elements which ensure that the temperature within the printing environment is maintained within 1°C (33.8°F) of the optimum paste performance temperature regardless of whether the factory ambient is above or below this level.



Dimensions 1300 (+ beacon) x 510 x 670mm  
51.18 x 20.08 x 26.38"

Datasheet download [bofainternational.com/tcu](http://bofainternational.com/tcu)

## LASER COOLING UNITS



### AD 200 CU

Approvals UKCA and CE



Our AD 200 CU is an electrically driven, cooling air unit. It supplies cool, filtered air to both the laser and power supply module. This clean, cool air helps to ensure optimal laser performance and reliability.

Dimensions 260 x 250 x 285mm  
10.2 x 9.9 x 11.2"

Datasheet download [bofainternational.com/ad-200-cu](http://bofainternational.com/ad-200-cu)

### AD 350 CU

Approvals UKCA and CE | UL\*



Our AD 350 CU is designed to supply cool, filtered air to both the laser and power supply module. This clean, cool air helps to ensure optimal laser performance and reliability. It can also be used as a seal to increase the IP rating of the laser.

Dimensions 395 x 380 x 380mm  
15.55 x 14.96 x 14.96"

Datasheet download [bofainternational.com/ad-350-cu](http://bofainternational.com/ad-350-cu)

\* Tested to UL and cUL standards, but testing may be provided by alternate nationally recognised test laboratories. Certain product configurations may affect the UL certification. Please speak to your sales representative.

OUR LEADING TECHNOLOGY



iQ Intelligent Operating System (iQ)



DeepPleat DeepPleat pre-filter



DeepPleat DUO DeepPleat DUO pre-filter



HEPA HEPA filter



ACF Advanced carbon filter technology

# INLINE FILTERS

Dust and fume extraction products



## AD CYCLONE

Laser marking generates a range of particle sizes from 0.1 micron upwards so standard cyclone separators are not suitable.

BOFA's inline cyclone is designed to operate more efficiently at these lower particle sizes.

The cyclone separator has been designed specifically for use with the AD Oracle iQ and is installed between the laser extraction point and the extractor. The airflow generated by the extraction unit powers the cyclone.



Dimensions 800 x 300 x 140mm  
31.5 x 11.81 x 5.51"

Datasheet download [bofainternational.com/ad-cyclone](https://bofainternational.com/ad-cyclone)



## ILF 300 / 600

The BOFA inline pre-filters have been designed specifically for applications that generate high amounts of dust or particulate.

The filter unit is positioned alongside the main BOFA fume filtration system to help increase the overall filter capacity and extend the life of the main, more expensive filters.

A range of application dependent filter types and configurations are available on request.

### ILF 300



Dimensions 796 x 638 x 328mm  
31.34 x 25.12 x 12.92"

Datasheet download [bofainternational.com/ilf-300](https://bofainternational.com/ilf-300)

### ILF 600



Dimensions 820 x 631 x 635mm  
32.28 x 24.84 x 25"

Datasheet download [bofainternational.com/ilf-600](https://bofainternational.com/ilf-600)



## ILF 1000

The BOFA inline pre-filter 1000 has been designed specifically for applications that generate high amounts of dust or particulate.

This inline filter unit has a large DeepPleat DUO and is positioned alongside the main BOFA fume filtration system to help increase the overall filter capacity and extend the life of the main filters.



Dimensions 650 x 617 x 763mm  
25.6 x 24.3 x 30"

Datasheet download [bofainternational.com/ilf-1000](https://bofainternational.com/ilf-1000)



# INLINE FILTERS

Dust and fume extraction products



## Spark Arrestor 2

BOFA's Spark Arrestor 2 unit helps to prevent potentially damaging burning particulates, generated during laser marking processes, from entering the fume extraction unit.

Hot burning particulate is transported through the specially designed plates positioned within the airflow, slowing the burning particulate down until it finally drops into the removable drop-out chamber, so protecting the fume extractor.

**Approvals** UKCA and CE



**Dimensions** 883 x 400 x 553mm  
34.76 x 15.75 x 21.77"

**Datasheet download** [bofainternational.com/spark-arrestor-2](https://bofainternational.com/spark-arrestor-2)



## FireBOX GA/MA self-extinguishing inline pre-filter

In the rare event that a burning ember is drawn into the fume extraction unit, there is the possibility that debris in the filters could ignite. Although any resultant fire would typically be retained within the fume extraction unit, this would cause significant damage and in extreme circumstances the risk may extend beyond the extraction unit. For processes where such risks have been identified, additional protection in the form of an inline firebox is an additional precaution. We offer two variations of our FireBOX to cater for metal only and general applications.

### FireBOX GA / MA

**Approvals** UKCA and CE



For added safety and protection from fire. The built-in temperature controller can be set so when a 10°C (50°F) temperature rise is detected, the FireBOX will activate the isolating valves and switch off the power to the extraction unit, suppressing the airflow to the FireBOX and reducing the speed of fire. If this does not suppress the fire and the temperature rises another 10°C (50°F) then the fire extinguisher will be activated.

Ideally paired with AD Oracle SA iQ and AD Oracle iQ.

**Dimensions** 1186 x 480 x 600mm (including beacon)  
46.7 x 19 x 24"

**Airflow** Up to 380m<sup>3</sup>/hr  
Up to 223cfm

**Datasheet download** [bofainternational.com/firebox-ga](https://bofainternational.com/firebox-ga)  
[bofainternational.com/firebox-ma](https://bofainternational.com/firebox-ma)

### WHICH PRODUCT DO YOU NEED?

*The FireBOX GA is designed for general applications.*

*The FireBOX MA is designed specifically for metal-based applications.*

*Speak to your sales representative to ensure you choose the right system.*



## THE FUTURE

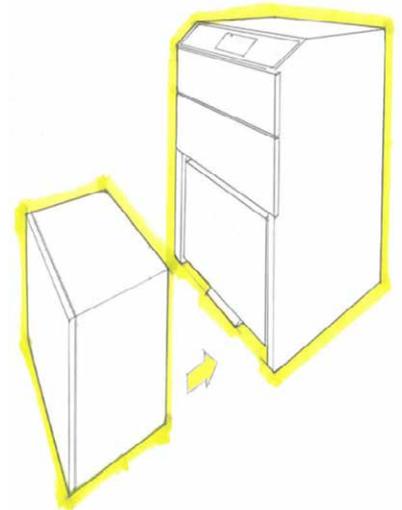
We invest heavily in R&D to help ensure we are ahead of the game, providing global systems to global customers.

The growth in demand for fume extraction looks set to continue the world over, giving manufacturers that have sufficient vision the confidence to invest in resources to develop new products and features to challenge convention and raise the bar in the portable fume extraction world.

## Integrated SYSTEMS

### Added safety; no additional footprint

Production processes are evolving all the time. Demand for faster processes and changes in materials means new technology — such as fibre lasers — is being developed to increase productivity gains while keeping running costs down. What is also emerging in this new era is the fundamental role that effective fume extraction plays in helping to create a safe operating environment and in optimising the return on investment of this technology. Added to this is the need to keep the footprint of new products to a minimum. BOFA's AD 1000 iQ with integrated FireBOX pairs high-capacity fume extraction with all the benefits of a FireBOX, without taking up any additional floor space.



## DeepPleat DUO with INTEGRATED SPARK ARRESTOR

This DeepPleat DUO pre-filter has an integrated spark arrestor box built into the base, acting as a safe-guard precaution by helping to protect the filter media from sparks which may have been generated during the layering process.



# TRAINING

## DESIGNED FOR YOU

Free training modules delivered by our knowledgeable team, direct to you.

You can book on to as many modules as you want to so you can keep learning from wherever you are.

Find out more: [bofainternational.com/bofa-academy](http://bofainternational.com/bofa-academy)



## High-speed CAPTURE DEVICES

The world is getting faster... and so is BOFA. We have developed new capture devices to cater for faster production processes.

BOFA's modular high-speed capture devices provide enhanced capture

on fast moving production lines, overcoming increased turbulence created by the moving products.

- Improving capture
- Optimising extraction
- Reducing maintenance



## 3D printing and ADDITIVE MANUFACTURING

In the world of rapid prototyping and production of metal components, it is imperative to have the proper gas atmosphere to produce quality parts. To meet the high tolerance standards required in 3D printing, argon and nitrogen are commonly used to provide inert atmospheres.

We are continuously exploring new technology and have designed a pressurised filter system to work in the 3D and additive manufacturing industry, helping you maintain a clean, healthy working environment dealing with the likes of cobalt chrome and titanium metals.







A Donaldson Company

A WORLD LEADER IN FUME  
EXTRACTION TECHNOLOGY

BOFA head office - UK & ROW: [Tel. +44 \(0\) 1202 699 444](tel:+44201202699444) [Email. bofasales@donaldson.com](mailto:bofasales@donaldson.com)

BOFA German office: [Email. bofavertrieb@donaldson.com](mailto:bofavertrieb@donaldson.com)

BOFA US office: [Tel. +1 \(618\) 205 5007](tel:+16182055007) [Email. bofasalesus@donaldson.com](mailto:bofasalesus@donaldson.com)

[Web. bofainternational.com](http://www.bofainternational.com)