



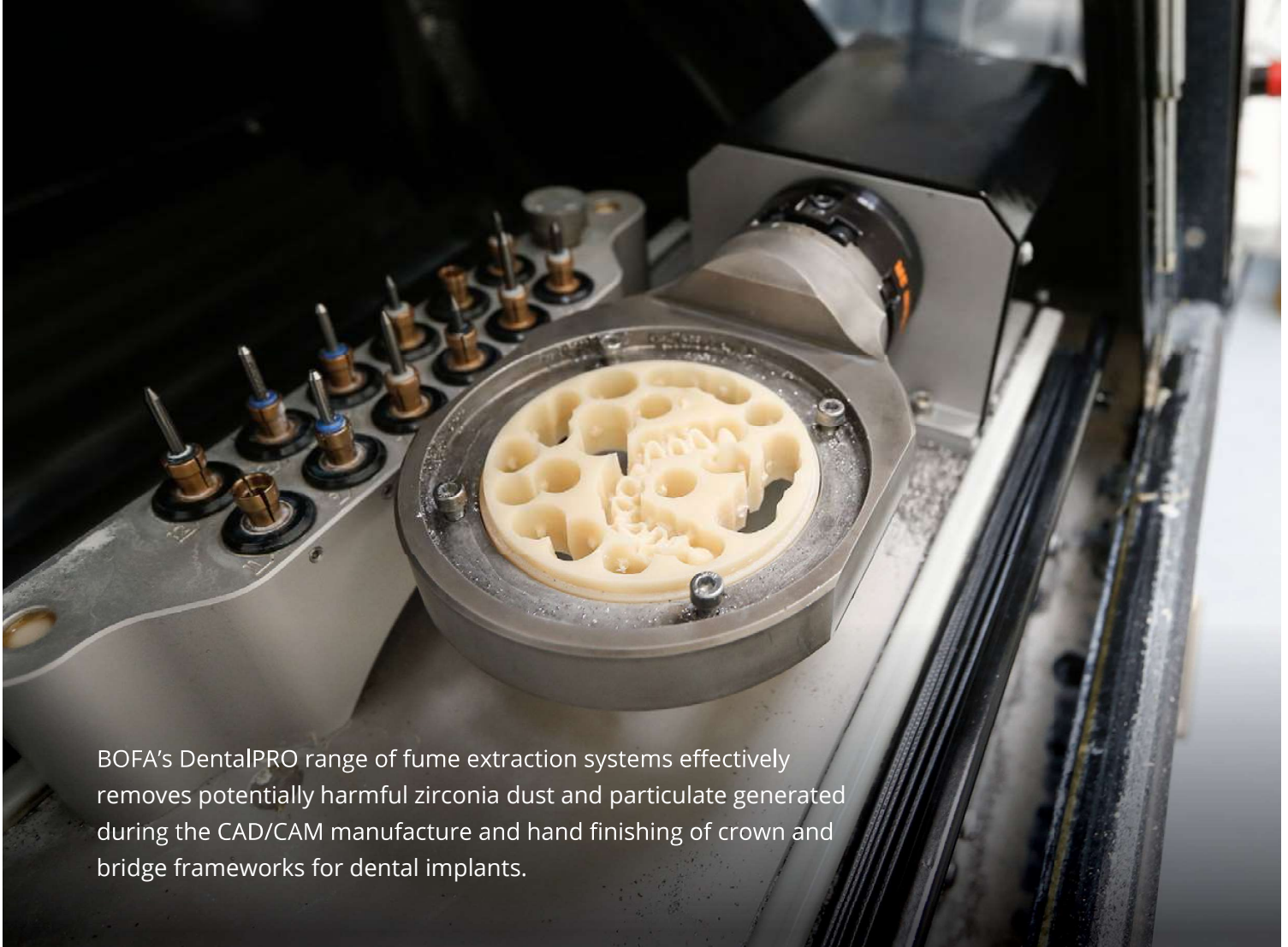
# DENTAL

## DUST AND FUME EXTRACTION

DentalPRO range

### Applications

Dental milling	Local ventilation / fume extraction and filtration
Zirconium milling	Monomer mixing
Aluminium oxide milling	Hand working processes
Dust extraction	CAD/CAM manufacture
Spindle drivers	Crown and bridge frameworks
Zirconia	



BOFA's DentalPRO range of fume extraction systems effectively removes 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 removed to maintain a safe 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 ensures 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

*For optional features, see page 49*

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

## OEMs

Find out more about how we work with OEMs on page 10

## DISTRIBUTORS

Find out more about how we work with distributors on page 10

## END USERS

Find out more about how we work with end users on page 10

# DENTAL DUST AND FUME EXTRACTION

## DentalPRO range



### DentalPRO MONO

The DentalPRO Mono under bench fume extraction system effectively removes toxic fumes and vapours emitted by the mixing of monomers in dental laboratories. Designed for use with the DentalPRO Xtract 100 (page 48) or 200 (page 48) fume cabinets, this compact unit is ideally suited to monomer mixing applications with its large chemical filter. The low noise motor used in the DentalPRO Mono is brushless and designed for longer continuous running before requiring servicing.

This system combines easy controls with maximum technician protection, in a small footprint with low running costs.

**Approvals** CE

**Dimensions** 405 x 290 x 270mm  
15.94 x 11.42 x 10.63"

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

**Technology**



**Datasheet download**

[bofainternational.com/dentalpro-mono](http://bofainternational.com/dentalpro-mono)



### DentalPRO 150

BOFA's new DentalPRO high vac under bench dust extraction system effectively removes particulates generated during hand finishing of dental implants. It has a reduced foot print, making it ideal for positioning under or on the side of the work bench so technicians can work safely and without restriction.

**Approvals** CE

**Dimensions** 465 x 222 x 430mm  
18.3 x 18.74 x 16.93"

**Airflow/Pressure** 150m<sup>3</sup>/hr / 180mbar  
88cfm / 180mbar

**Technology**



**Datasheet download**

[bofainternational.com/dentalpro-150](http://bofainternational.com/dentalpro-150)



### DentalPRO 250

BOFA's DentalPRO 250 under bench dust extraction system effectively removes particulates generated during the hand finishing of dental implants. It is ideally suited to manual bench top applications, where technicians need to be able to work without restriction, but in the knowledge that dust particles are being effectively removed to maintain a safe working environment.

A brushless motor, designed for longer continuous running before requiring servicing, a large bag filter with a 6.4 litre capacity and a high efficiency HEPA filter make this unit perfect for a single user system, combining maximum operator protection with a small footprint. It is an easy to operate unit with low running costs.

**Approvals** CE

**Dimensions** 520 x 290 x 265mm  
20.47 x 11.42 x 10.53"

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

**Technology**



**Datasheet download**

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



### DentalPRO 400

This under bench multi user system effectively removes 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 dust particles are being effectively removed to maintain a safe 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 high efficiency HEPA filter make this unit perfect for dental hand finishing work for multiple users and low running costs.

**Approvals** 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)

OUR LEADING TECHNOLOGY



**iQ2**  
Intelligent (iQ2)  
Operating System



**iQ**  
Intelligent (iQ)  
Operating System



**DeepPleat**  
DeepPleat  
pre filter



**DeepPleat DUO**  
DeepPleat DUO  
pre filter



**HEPA**  
HEPA filter



**ACF**  
Advanced carbon  
filter technology

## PRODUCT FEATURES

Comparison table on page 49



### DentalPRO Universal

BOFA's DentalPRO Universal stand alone dust extraction system effectively removes 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 removed to maintain a clean working environment.

The unit's high vacuum pump is brushless and designed for continuous running for longer periods of time before requiring servicing. The bag filter has a large 18 litre capacity and the HEPA filter is highly efficient.

**Approvals** 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

BOFA's DentalPRO Base is a ride on dust extraction system, which effectively removes smaller 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 removed, to maintain a clean working environment. The bag filter has a large 18 litre capacity and the HEPA filter has an efficiency of 99.997% 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** 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

BOFA's DentalPRO 1000 iQ's high airflow and pressure combined with extremely large filter capacity (100 litres) makes it perfect for multi station extraction. It is ideal for heavy duty applications that generate large amounts of particulate, especially multi-milling unit extraction.

The pump used in the DentalPRO 1000 iQ dust and fume extraction system is brushless and designed for continuous running before servicing.

The option of adding a silencer box means you can have quieter running operation.

**Approvals** 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](http://bofainternational.com/dentalpro-1000-iq)



### DentalPRO 1000 iQ M

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 to be used at once.

The high efficiency two-stage filtration process allows technicians to work safe in the knowledge that dust particles and fumes are being effectively removed, to maintain a clean working environment. The large capacity bag filter provides long life, while the HEPA filter has an efficiency of 99.997% down to 0.3 microns ensuring a safe working environment.

**Approvals** 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)



**RFA**  
Reverse flow air  
technology



**AFC**  
Automatic flow  
control technology



**SFT**  
SMART filter  
technology



**MVS**  
Multi voltage  
sensing unit



**PATENTED**  
Patented  
technology



**SureCHECK**  
SureCHECK quality  
standard



**PROTECT**  
ProTECT service  
plan

# DENTAL DUST AND FUME EXTRACTION

DentalPRO range



## DentalPRO Xtract 100

BOFA's DentalPRO Xtract 100 dust and fume extraction cabinet is designed for the effective removal 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 removed to maintain a safe working environment.

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

**Approvals** 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 removal 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 removed to maintain a safe working environment.

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

**Approvals** 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

**Featured product**  
- see page 45

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 removal 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 removed to maintain a safe 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** 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)



**OUR LEADING TECHNOLOGY**



**iQ2**  
Intelligent (iQ2)  
Operating System



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**DeepPleat**  
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pre filter



**DeepPleat DUO**  
DeepPleat DUO  
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**HEPA**  
HEPA filter



**ACF**  
Advanced carbon  
filter technology



# PRODUCT FEATURES

## Comparison table

	DentalPRO Mono	DentalPRO 150	DentalPRO 250	DentalPRO 400	DentalPRO Universal	DentalPRO Base	DentalPRO 1000 IQ	DentalPRO 1000 iq M	DentalPRO Xtract 100	DentalPRO Xtract 200	DentalPRO Xtract 300
STANDARD FEATURES	Compact design	✓	✓	✓	✓				✓	✓	✓
	Auto sensing voltage (90-257V) 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 (IQ) Operating System						✓	✓			
	CE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	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.

**See pages 38-43 for more information.**

### HOW TO BUY BOFA

Go to page 10 to view our different buying options.



**RFA**  
Reverse flow air technology



**AFC**  
Automatic flow control technology



**SFT**  
SMART filter technology



**MVS**  
Multi voltage sensing unit



**PATENTED**  
Patented technology



**SureCHECK**  
SureCHECK quality standard



**PROTECT**  
ProTECT service plan