



A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

DentalPRO 1000 iQ

DENTAL

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Centralised dust extraction system for CAD/CAM milling machines.

BOFA's DentalPRO 1000 iQ dust extraction system combines large filter capacity with high airflow and pressure rates. making it the ideal choice for heavy-duty applications that generate larger amounts of particulate and gaseous organic compounds generated during the CAD/CAM milling of dental implants. The unit is designed as a centralised system, for multiple milling machines to be used at once.

The unit has a high-efficiency three-stage filtration process which helps workplace environments maintain a clean working environment. The DeepPleat DUO pre-filter has a large 30m² surface area and the HEPA filter has an efficiency of 99.997% down to 0.3 microns.

BOFA's patented iQ operating system takes performance parameters to a new level and ensures that maintenance, downtime and ownership costs are kept to a minimum.

More information about the [Intelligent Operating System \(iQ\)](#).

Technology



Intelligent (iQ) Operating System



DeepPleat DUO pre-filter



HEPA filter



Automatic flow control (AFC) technology



Reverse flow air (RFA) technology



Patented technology



ProTECT service plan



SureCHECK quality standard

Key features of the DentalPRO 1000 iQ

iQ Operating System
Standard

Reverse flow air filter technology
Standard

High airflow and pressure rates
Standard

DeepPleat DUO pre-filter
Standard

Contact BOFA at <https://bofainternational.com/en/contact/>

<https://bofainternational.com/en/portal/datasheets/dentalpro-1000-iq/>



Approvals: REACH and RoHS. See individual product technical data for specific accreditations

Automatic flow control system

Standard

High contrast display

Standard

Remote diagnostics via USB

Standard

Combined HEPA / gas filter incorporating ACF technology

Standard

Filter change / system fail signal

Standard

Filters with long life and low replacement costs

Standard

On-board compressor

Optional

Real time airflow reading

Standard

'Run safe' operation

Standard

Independent filter condition monitoring, display and warnings

Standard

Remote stop / start interface

Standard

Interfacing with host unit

Standard

VOC gas sensor (Volatile Organic Compound)

Optional

Technical specification

1. iQ display

2. On / off switch

3. Power cable

4. Signal / interface cable

5. Castors

6. Door hinge

7. Hose inlet connection - 125mm

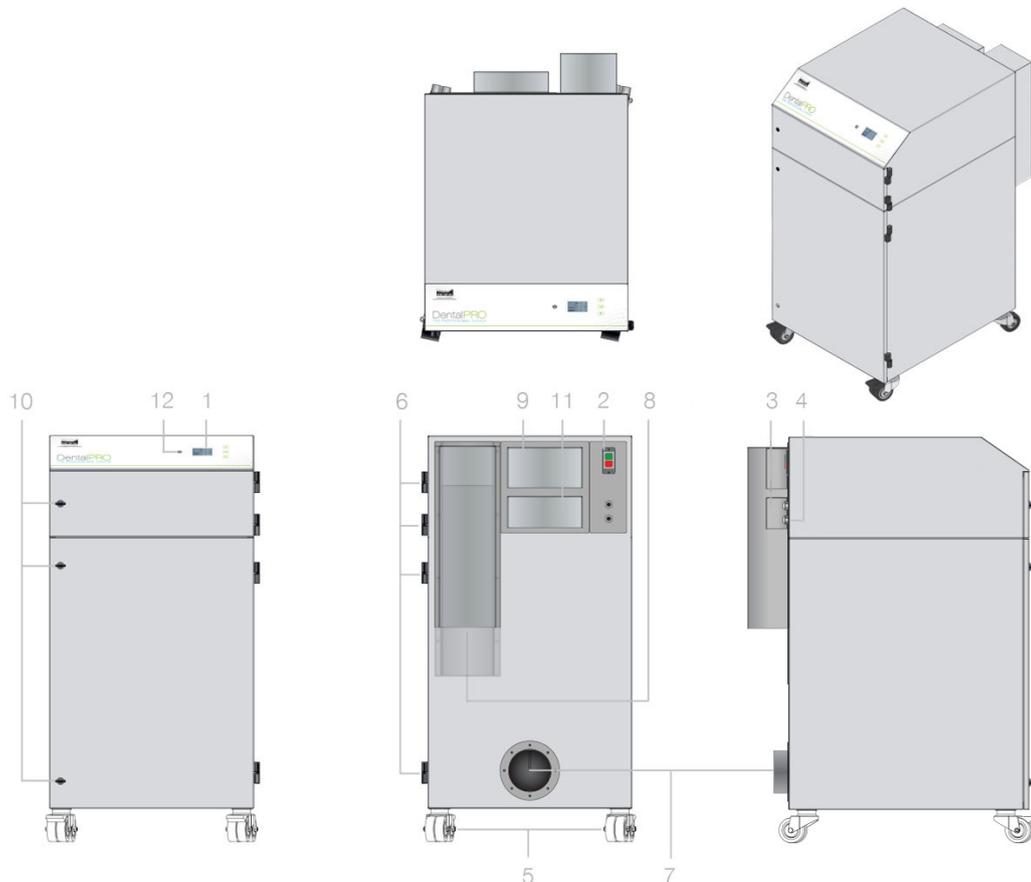
8. Exhaust outlet

9. Motor cooling inlet

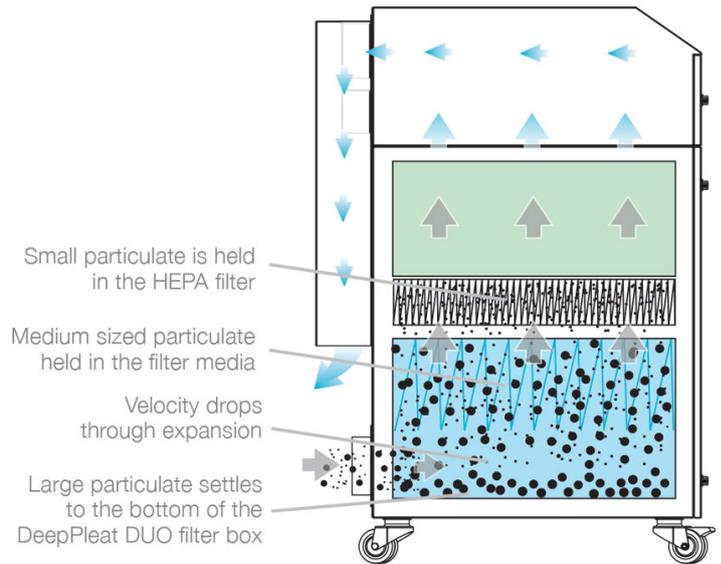
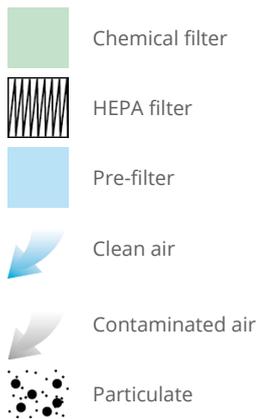
10. Door latch

11. Motor cooling outlet

12. Standby button



Airflow through filters



Technical data

	EU	US
Dimensions (HxWxD)	1205 x 615 x 790mm	47.44 x 24.21 x 31.10"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Airflow / Pressure	850m ³ /hr / 100mbar	500cfm / 100mbar
Electrical data	230v Single-phase 1~ 50/60Hz Full load current: 12.8 amps / 2.2kw	115v 60/50Hz Full load current: 19.5 amps / 2.2kw
Noise level	<61dba (at typical operating speed)	<61dba (at typical operating speed)
Weight	146kgs	322lbs
Approvals	UKCA and CE	UKCA and CE

DeepPleat DUO pre-filter specifications

Surface media area	30m ² approx (322.8 ft ²)
Filter media	Borosilicate
Filter media construction	Maxi pleat construction with glue bead spacers
Filter housing	Zintec mild steel
Filter efficiency	95% @ 0.9 microns

Combined HEPA / gas filter specifications

Surface media area	7.5m ² approx (80.7 ft ²)
HEPA filter media	Borosilicate
HEPA media construction	Maxi pleat construction with glue bead spacers
Filter housing	Zintec mild steel
Treated activated carbon	34kgs (74.8 lbs)
Filter efficiency	99.997% @ 0.3 microns

Unit part numbers

Model	Voltage	Part no.	VOC monitoring	On-board compressor
DentalPRO 1000 iQ Powder coated	230V	DL0762-0001	A2003	A2007
DentalPRO 1000 iQ Powder coated	115V	DL0761-0001	A2003	A2007

Replacement filter part numbers

Model	DeepPleat DUO pre-filter	Combined HEPA / gas filter
DentalPRO 1000 iQ	A1030384	A1030385

Datasheet correct at time of publishing.

Where applicable, the carbon used in BOFA units is capable of removing a wide range of VOCs, however it is the responsibility of the user to ensure the carbon is suitable for their application. For specific applications, please contact us for details.

Important Notice: *Many factors beyond the control of BOFA can affect the use and performance of BOFA products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.*

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