



A Donaldson Company

A WORLD LEADER IN FUME
EXTRACTION TECHNOLOGY

DentalPRO Base

DENTAL

Last Updated on 30.08.2018



Base dust extraction system, for CAD/CAM dental milling machines.

BOFA's DentalPRO Ride On Base dust extraction system effectively removes smaller particulates generated during the CAD/CAM milling of dental implants. The unit is designed for a CAD/CAM 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 pump is brushless and designed for continuous running for longer periods of time before requiring servicing.

An added optional extra is an onboard compressor providing the miller with clean oil-free air for all compressed air requirement.

Technology



HEPA filter



Multi voltage sensing (MVS) unit



ProTECT service plan



SureCHECK quality standard

Key features of the DentalPRO Base

Sit on unit - providing a space saving stand
Standard

Auto sensing voltage (90-257v) for global use
Standard

HEPA filtration
Standard

High efficiency 5 layer large capacity easy change filter
Standard

Quiet in operation
Standard

On-board compressor for clean, oil-free air
Optional

Digital speed control - For variable airflow rates
Standard

High vacuum pump for effective capture from source
Standard

Filters with long life and low replacement cost
Standard

Filter full indicator
Standard

Remote stop / start interface
Optional

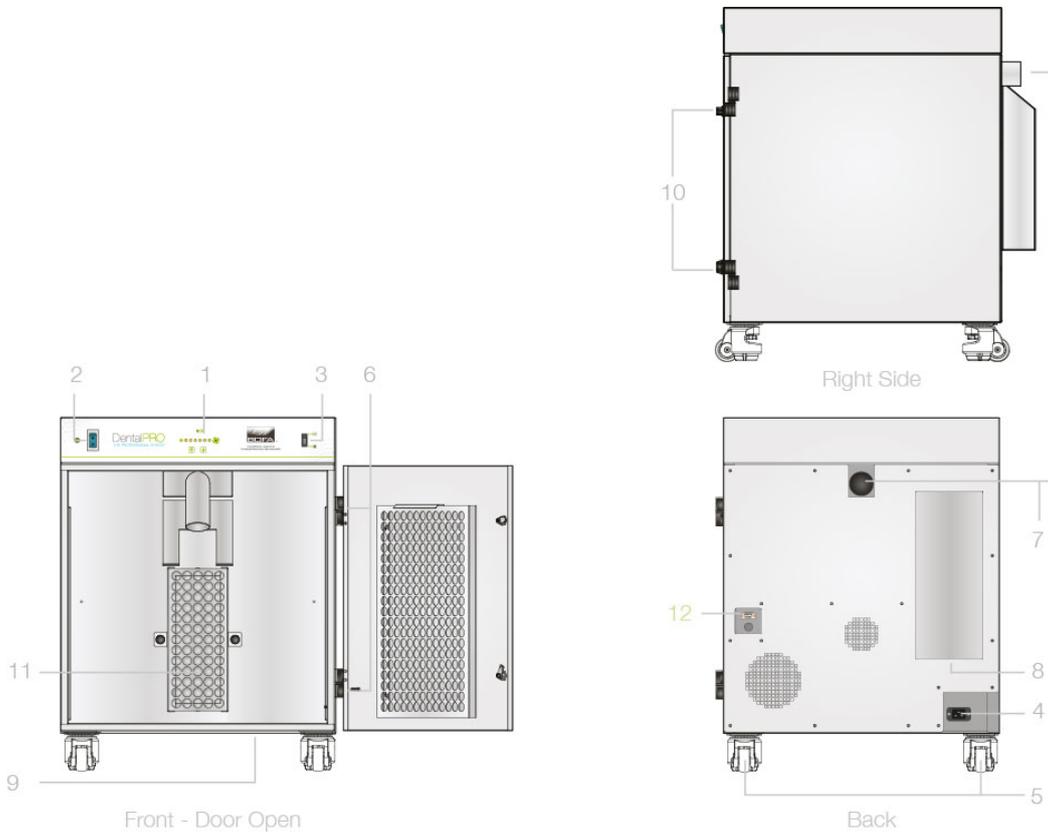
Contact BOFA at <https://bofainternational.com/en/contact/>

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



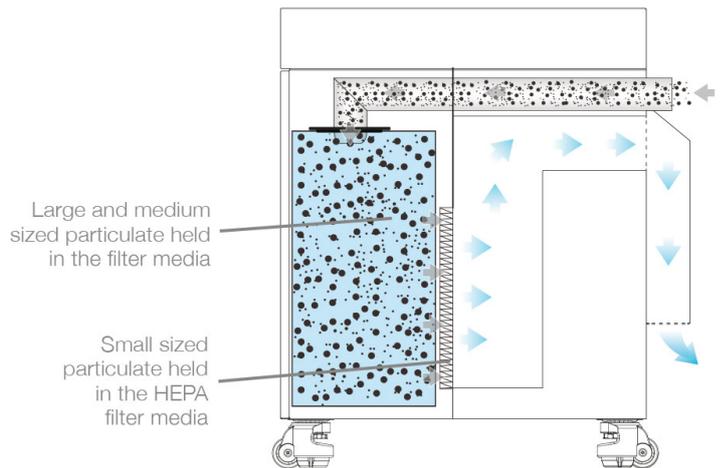
Technical specification

- | | | | |
|------------------------------------|--------------------|---------------------------------|--|
| 1. Unit / filter condition display | 2. On / off switch | 3. Override switch | 4. Power inlet |
| 5. Locking castors | 6. Door hinge | 7. Hose inlet connection - 50mm | 8. Exhaust outlet |
| 9. Motor cooling inlet | 10. Door latch | 11. HEPA filter cage | 12. Optional start / stop interface connection |



Airflow through filters

- Contaminated air
- Particulate
- Pre filter
- HEPA filter
- Clean air



Technical data

	EU	UK
Dimensions (HxWxD)	610 x 670 x 765 mm	24.02 x 26.38 x 30.12"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Max airflow / pressure	285m ³ /hr / 96mbar	167cfm / 96mbar

Technical data

Electrical data	115 - 230v 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw	115 - 230v 1ph 50/60Hz Full load current: 12.5 amps / 1.1kw
Noise level	< 66dBA (at typical operating speed)	< 66dBA (at typical operating speed)
Weight	50kgs	110lbs
Approvals	CE	CE

Pre filter specifications

Filter media	Glass fibre
Filter media construction	Bag filter
Filter capacity	18 litres
Filter efficiency	99% @ 0.3 microns

HEPA filter specifications

HEPA filter media	Glass fibre
HEPA media construction	Maxi pleat construction with webbing spacers
Filter Efficiency	99.997% @ 0.3 microns

Unit

Model	Options	Voltage	Part number
DentalPRO Base - Powder coated unit	N/A	90 - 257v	DL1342A0000
	24v stop / start override filter change signal	90 - 257v	DL1342A0003
	Compressor	230v	DL1342A8202
	Compressor	115v	DL1341A8202

Replacement filters

Description	Part number
Bag filter	A1030382
HEPA filter	A1030383

Hose kit

Description	Part number
4m x 50mm flex with cuffs	A1020115

Datasheet correct at time of publishing.

Where applicable, the carbon used in BOFA units is capable of removing a wide range of VOC's, 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.

Think before you print! Please consider the environment before printing this document.



**BARCELONA INSTRUMENTS
ELECTRONICS, S.L.**

Roselló, 20 - 08029 BARCELONA
Tel.: 93 280 29 89 - Fax: 93 280 41 13
ventas@bielec.es

