



A Donaldson Company

A WORLD LEADER IN FUME  
EXTRACTION TECHNOLOGY



## DentalPRO 400

Last Updated on 13.12.2018



'Stand alone' dust extraction system for the DG Shape DWX range of CAD/CAM dental dry milling machines.

BOFA's DentalPRO 400 under bench dust extraction system effectively filters particulates generated during the hand finishing of dental implants.

The DentalPRO 400 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 filtered, to help maintain a safer working environment.

The high vacuum pump used in the DentalPRO 400 is brushless and designed for continuous running. The bag filter has a large 6.4 litre capacity and the HEPA filter is very high efficiency.

This multi user system combines maximum operator protection in a small footprint, easy to operate unit with low running costs.

### Technology



HEPA filter



ProTECT service plan



SureCHECK quality standard

### Key features of the DentalPRO 400

**Filter full indicator**  
Standard

**High efficiency filters (99.995% @ 0.3 microns)**  
Standard

**Simple operation**  
Standard

**Small footprint**  
Standard

**24V remote stop / start interface + override**  
Optional

**Digital speed control**  
Standard

**Large capacity filter bag**  
Standard

**Low running costs**  
Standard

**Foot switch**  
Optional

**Filter signal**  
Optional

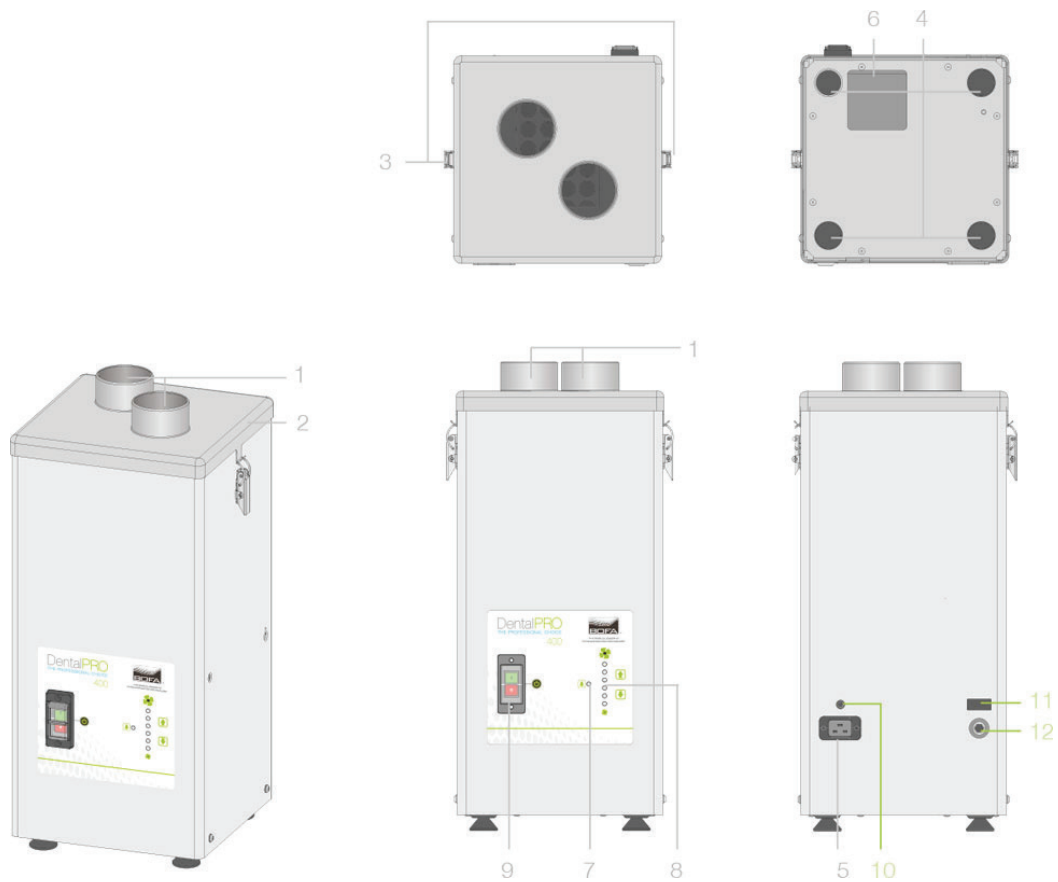
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



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

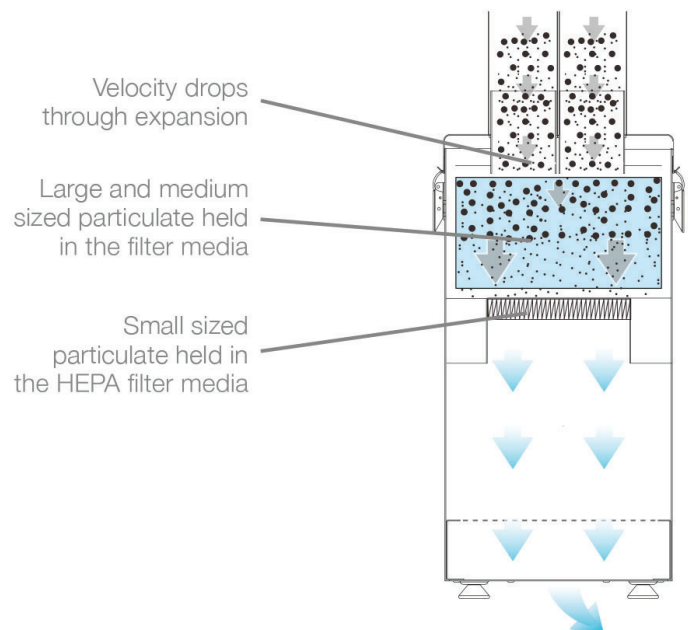
## Technical specification

- |                          |                                 |                              |                                     |
|--------------------------|---------------------------------|------------------------------|-------------------------------------|
| 1. Hose inlet - 1 x 38mm | 2. Unit lid                     | 3. Latch                     | 4. Rubber feet                      |
| 5. Power inlet           | 6. Exhaust outlet               | 7. Filter full indicator     | 8. Speed control                    |
| 9. Power switch          | 10. Optional foot switch socket | 11. Optional override switch | 12. Optional interfacing connection |



## Airflow through filters

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



## Technical data

|                        | EU   | US   |
|------------------------|--|--|
| Dimensions (HxWxD)     | 595 x 290 x 275mm  | 23.43 x 11.42 x 10.83"                                     |
| Cabinet construction   | Powder coated mild steel                                   | Powder coated mild steel                                   |
| Max airflow / pressure | 380m <sup>3</sup> /hr / 96mbar                             | 224cfm / 96mbar  |
| Electrical data        | 100-230v 1ph 50/60Hz<br>Full load current: 10amps / 1.1kw. | 100-230v 1ph 50/60Hz<br>Full load current: 10amps / 1.1kw. |
| Noise level            | < 66dBA (at typical operating speed)                       | < 66dBA (at typical operating speed)                       |
| Weight                 | 14kgs  | 30.9lbs  |
| Approvals              | CE   | CE   |

## Pre-filter bag specifications

|                           |                   |
|---------------------------|-------------------|
| Filter holding capacity   | 6.4 ltrs          |
| Filter media              | Polyester         |
| Filter media construction | Bag filter        |
| Filter efficiency         | 95% @ 0.3 microns |

## HEPA filter specifications

|                         |  |
|-------------------------|--|
| HEPA filter media       | Borosilicate                                   |
| HEPA media construction | Maxi pleat construction with glue bead spacers |
| Filter efficiency       | 99.995% @ 0.3 microns                          |

## Unit part numbers

| Model         | Voltage  | Part number        | Part number for Australia and New Zealand only |
|---------------|----------|--------------------|--|
| DentalPRO 400 | 100-230V | 4230601033-1613-01 | 4220601033-1608                                |

## Replacement filter part numbers

| Description | Part number |
|-------------|-------------|
| Bag filter  | A1030378    |
| HEPA filter | A1030379    |

## Bench top hose kit - Needed if ordering arm accessories

| Description  | Part number |
|--|-------------|
| Hose kit with fliptop table mount to connect to DentalPRO desk accessory | A1020309    |

## Cabinet hose kit - Needed if ordering cabinet accessories

| Description                                     | Part number |
|---|-------------|
| Hose kit to connect to DentalPRO Xtract cabinet | A1020068    |

## Arm accessories

| Description                                     | Part number |
|---|-------------|
| DentalPRO LED light arm - 50mm stay put arm     | A1020314    |
| DentalPRO down draught tray - 50mm flexi hose   | A1020316    |
| DentalPRO plenum funnel arm - 50mm stay put arm | A1020315    |

## Cabinet accessories

| Description          | Part number |
|----------------------|-------------|
| DentalPRO Xtract 100 | D0945A0000  |
| DentalPRO Xtract 200 | D0946A0000  |
| DentalPRO Xtract 300 | D0947A0000  |

Roland are registered in the U.S. Patent and Trademark office.

*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.*

