



A Donaldson Company

A WORLD LEADER IN FUME
EXTRACTION TECHNOLOGY

DentalPRO Xtract 300

USER MANUAL

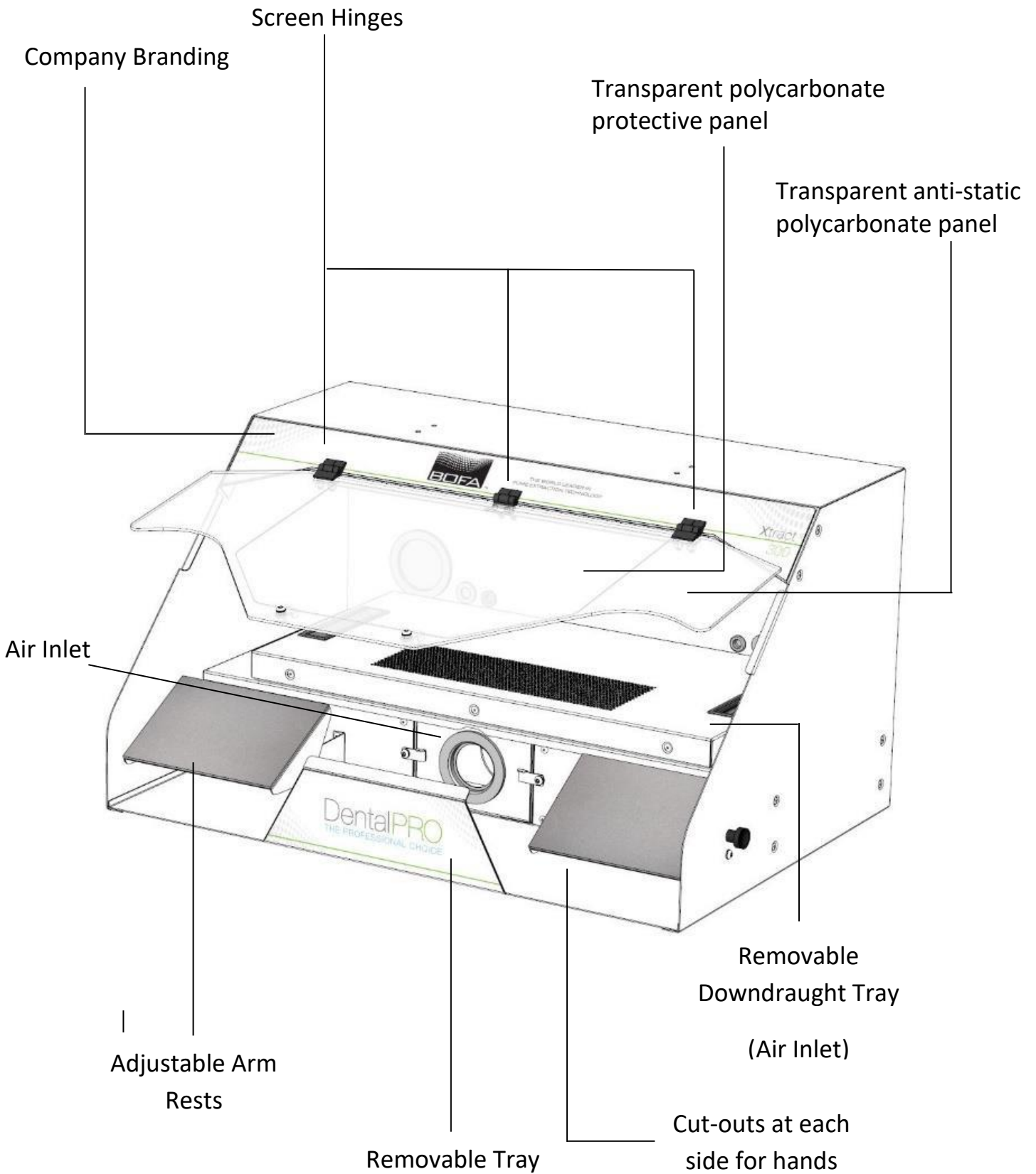


Contents

1	01	Overview of your Xtract 300 system (front)
	02	Overview of your Xtract 300 system (back)
	03	Overview of your Xtract 300 Accessories
2	01	Important safety notes
	02	Safety labels
3	01	Unpacking the unit placement
4	01	Connecting to power supply
	02	Added Features
5	01	Cleaning the unit
6	01	DentalPRO Xtract 300 Specifications

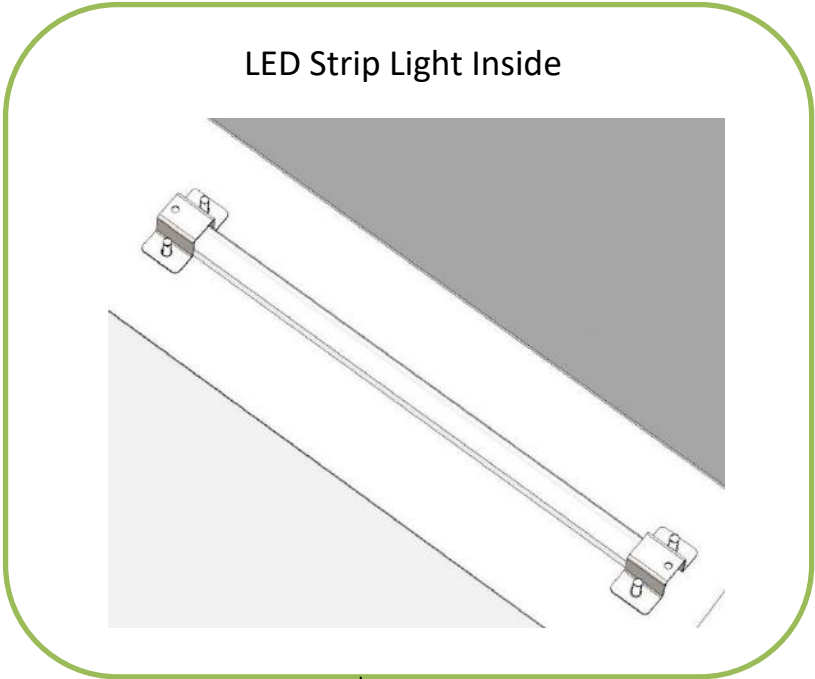
Overview

1 01

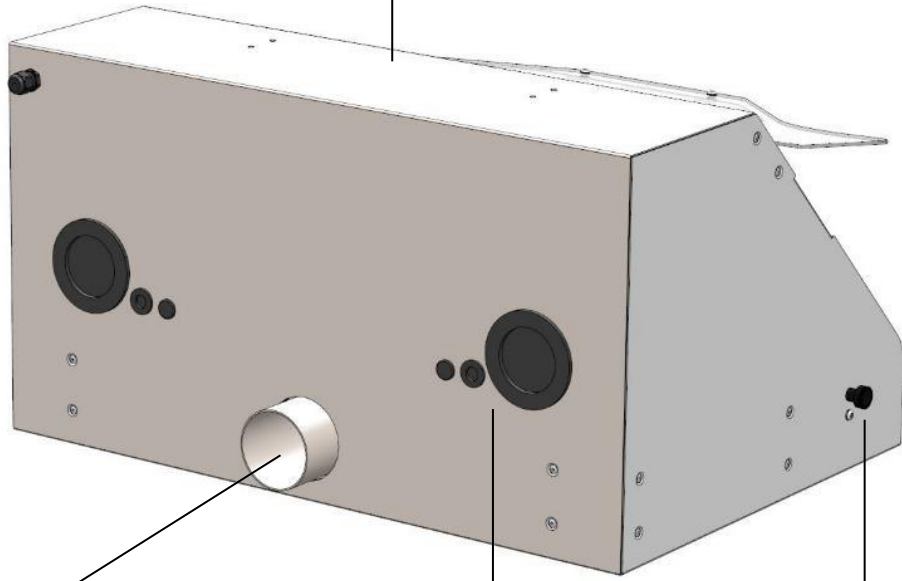


Overview

1 02



LED Light Power Inlet



Cable Inlets

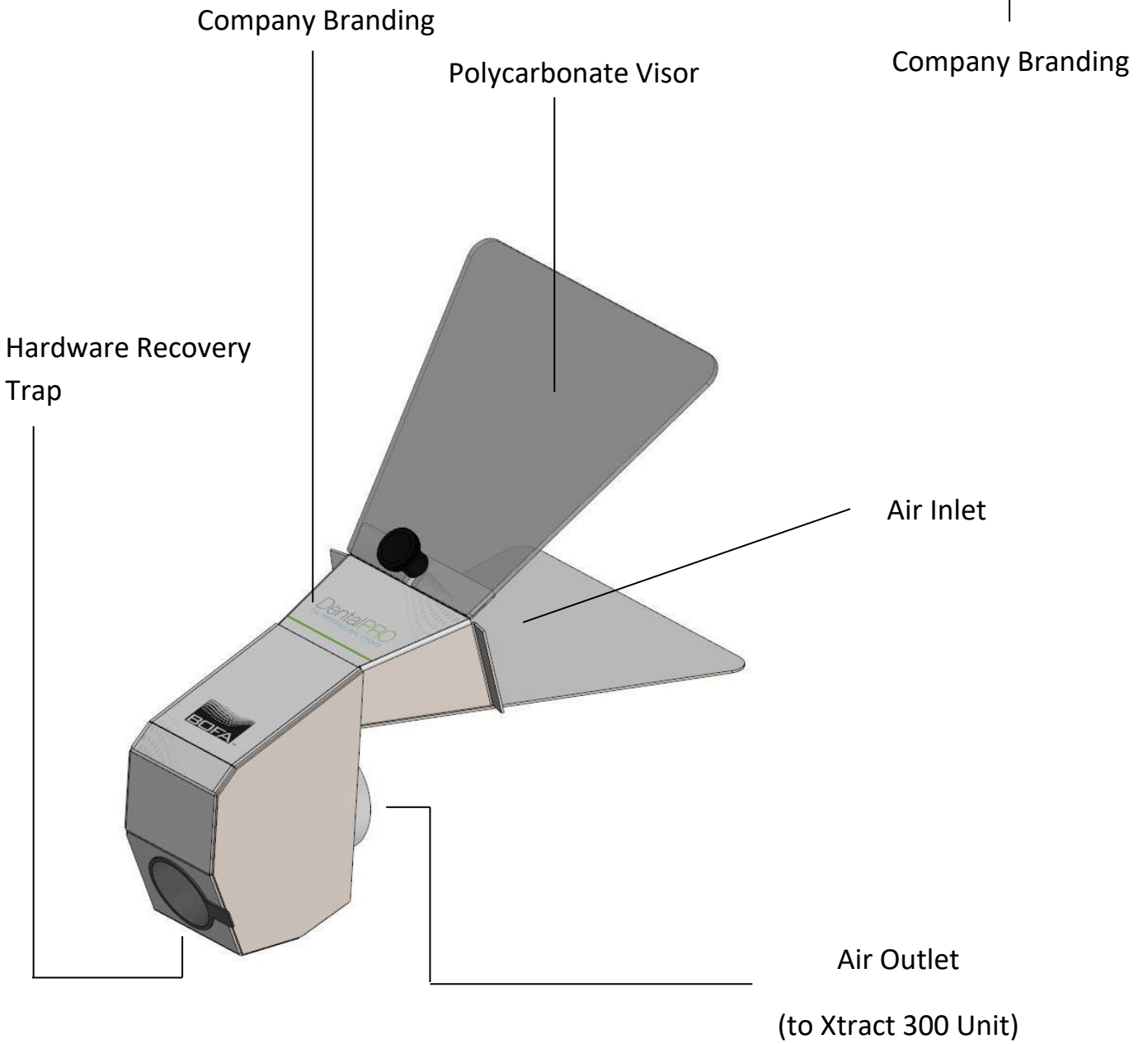
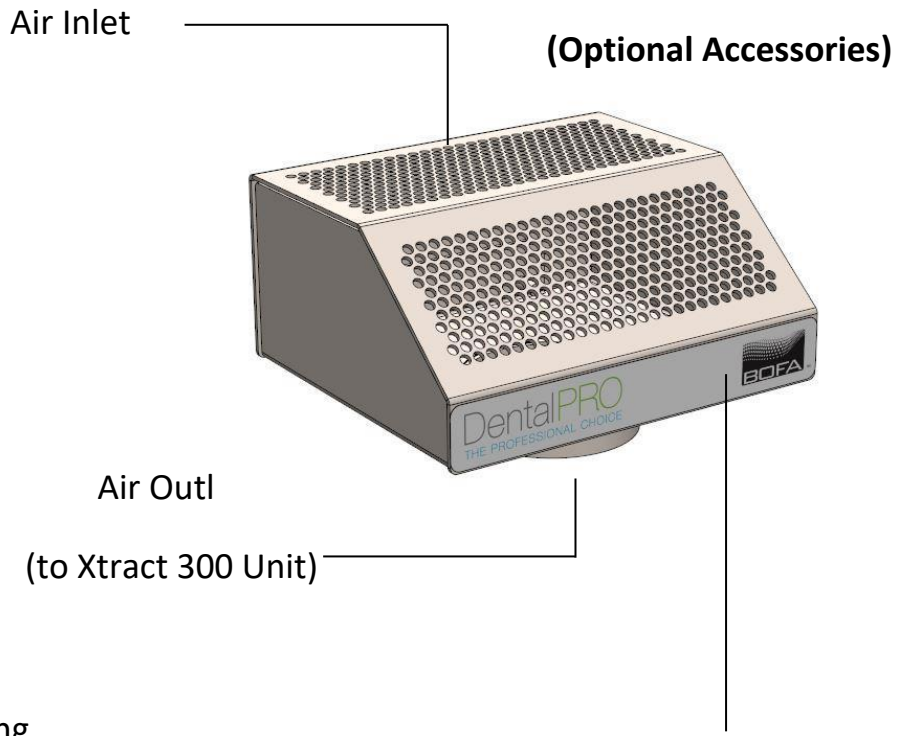
Armrest Adjustment Knob

Air Inlet (to extractor unit)

75mm

Overview

1 03



Safety Instructions



Important safety notes

Concerning symbols used on the DentalPRO Xtract 300 and referred to within this manual.



Danger

Refers to an immediately impending danger. If the danger is not avoided, it could result in death or severe (crippling) injury. Please consult the manual when this symbol is displayed.



Warning

Refers to a possibly dangerous situation. If not avoided it could result in death or severe injury. Please consult the manual when this symbol is displayed.



Caution

Refers to a possibly harmful situation. If not avoided, damage could be caused to the product or something in its environment.



Important (Refer to manual)

Refers to handling tip and other particularly useful information. This does not signify a dangerous or harmful situation. Refer to manual when this symbol is displayed.

Electrical Safety

The Xtract 300 has been designed to meet the safety requirements of the Low Voltage Directive 2006/95/EC (previously numbered 73/23/EEC)

Important

To reduce the risk of fire, electric shock or injury:

1. Use only as described in this manual.
2. Connect the system to a properly grounded outlet.

This unit should not be used on processes with sparks of flammable materials or with explosive dusts and gases, without implementation of additional precautions.

BOFA Technical Service

If problems arises with your Xtract 300 please contact us:

- Visit our website at www.bofa.co.uk for on-line help.
- Or contact the helpline on **+44 (0) 1202 699 444**, Mon-Fri, 9am-5pm.
Email: Technical@bofa.co.uk

Before Installation

3 01

Packaging Removal & Unit Placement

Before installation, check the extraction unit for damage. All packaging must be removed before the Xtract 300 is connected to the power supply.

Please read all instructions in this manual before using this unit.

1. Remove the outer packaging and place Xtract 300 in the location where it is going to be installed.



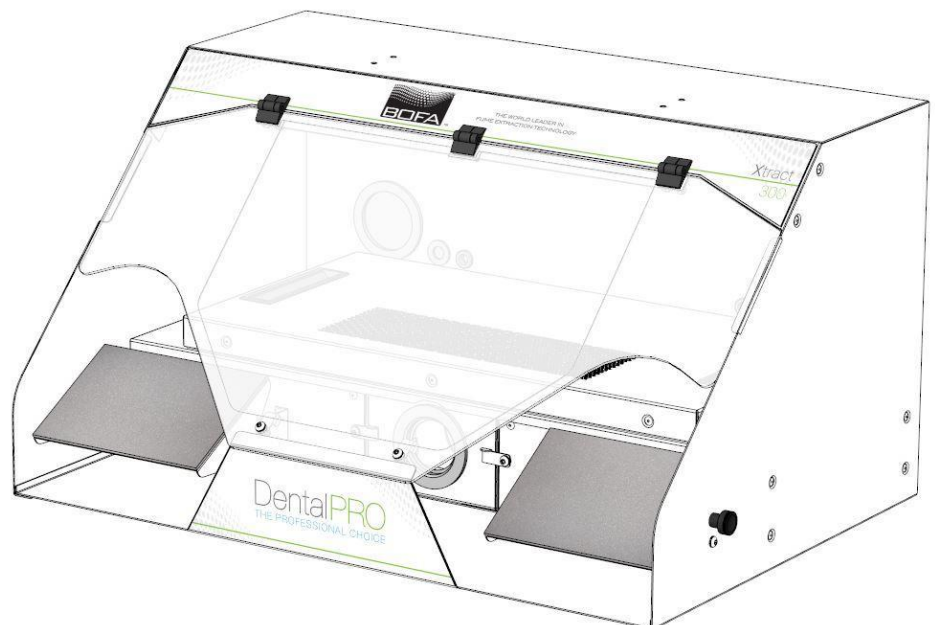
Caution

Do not block or cover the airflow and motor cooling ports on the unit, as this severely restricts airflow and may cause damage to the unit.



Caution

Under no circumstances should the exhaust outlet/s be covered as this will restrict the airflow and cause overheating.



Installation



Specification: DentalPRO Xtract 300

Dimensions: Height 380mm Depth 509mm Width 738mm
Weight: 30kg
Input: 100-240V
50/60Hz
Current: 0.6A

Connection to Power Supply

Ensure the power supply is suitable before connecting the Xtract system.

Check the Integrity of the electrical power cable, if the supply cord is damaged the unit should not be connected to the mains.

The unit **MUST** be connected to a properly earthed outlet.



Connect the power cable to an isolated electrical supply.



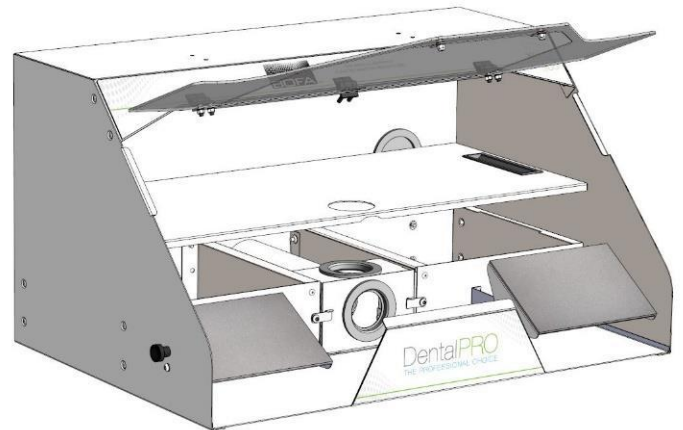
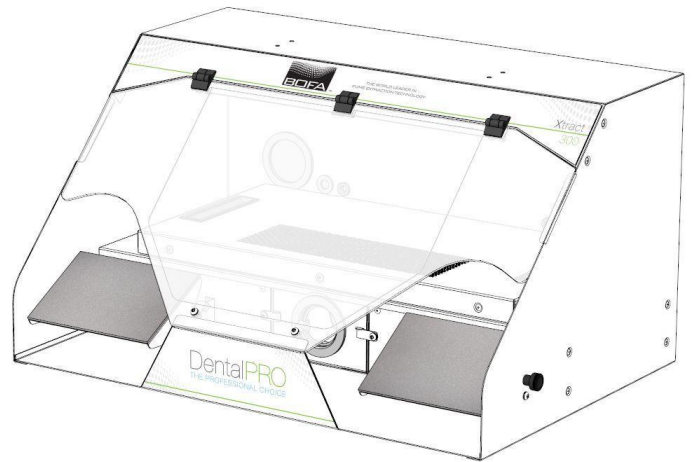
The mains socket should be installed near the extractor it should be easily accessible and able to be switched On/ Off. The cable run should be arranged so as not to create a trip hazard.

Added features: Hinged Front Panel and Tray

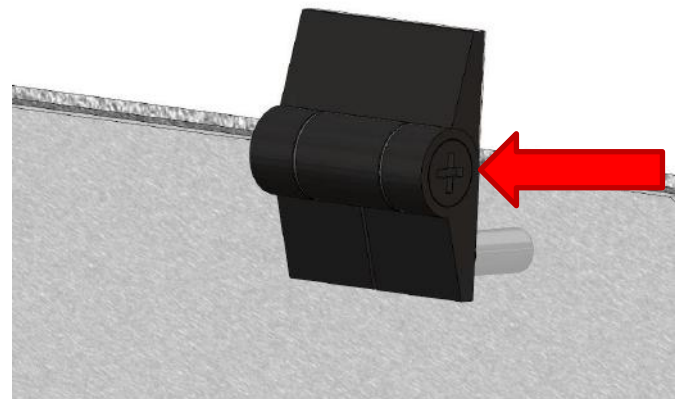
The Xtract 300 features a Hinged Transparent Front Panel. This allows for better airflow whilst protecting the user from debris given off in the dental milling process.

The friction hinges can be manually adjusted to hold at a desired height. This is done by turning the screw running through the centre of the hinge clockwise to tighten and anti-clockwise to loosen.

The Xtract 300 also features a removable tray that sits in the bottom of the unit to collect debris and to accommodate work pieces making for a cleaner, neater working environment.



VOLOGY



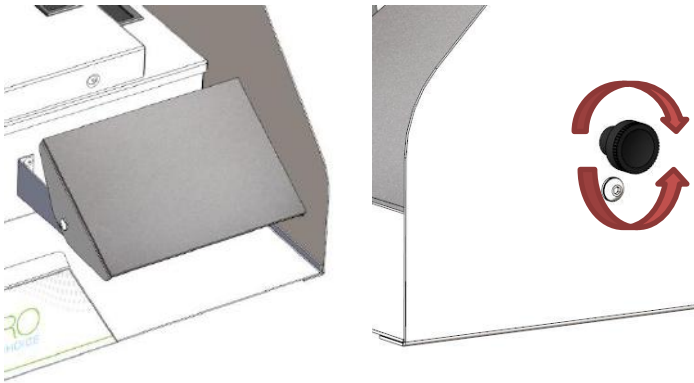
Installation

4 02

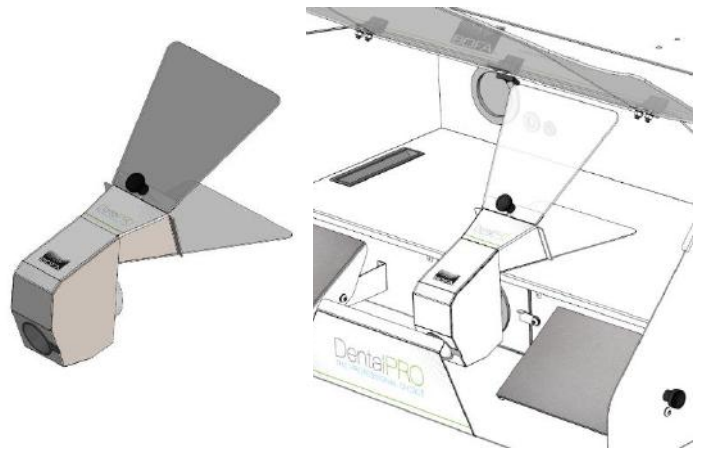
Added Features

The Xtract 300 features many different methods of capturing debris generated during the dental milling process.

The Xtract 300 has been designed with the user solely in mind and features adjustable armrests and protective polycarbonate visors as standard. The armrests can be adjusted by loosening the knobs at each side. Once the desired position is found, they can be locked in place by tightening the knobs.



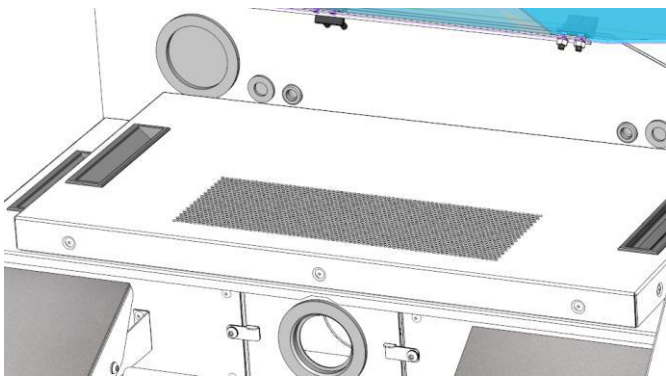
The DentalPEG has been designed to work alongside the Xtract 300 as an additional extraction accessory. The DentalPEG features a replaceable polycarbonate visor to protect the user whilst also featuring a hardware recovery system. Should a piece of hardware (screws, nuts etc.) be drawn into the extraction system they will be caught in a recovery chamber located at the back of the DentalPEG where they can be easily retrieved by removing the cap.



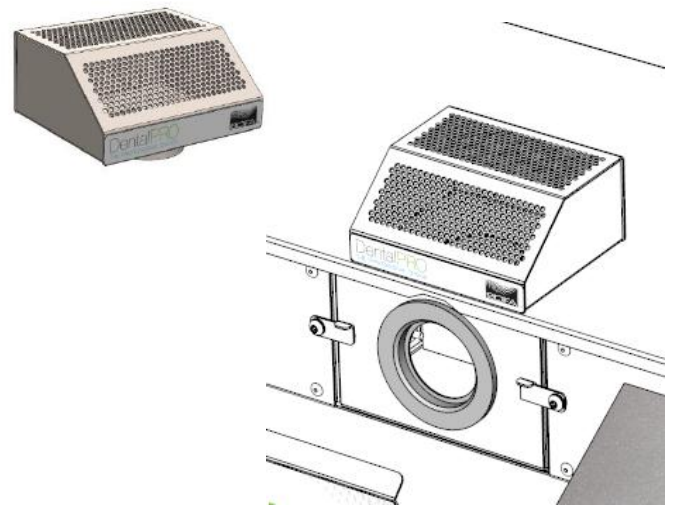
DentalPRO Saw Table Accessory (Optional)

The Xtract 300 also features a saw table accessory that is available to purchase separately. This accessory is used whilst using a hacksaw to cut work pieces. Its angular shape aids the user in achieving a variety of cuts.

The downdraught tray comes with the Xtract 300 as standard and acts as an air inlet. Air is drawn directly down into the inlet and to the extraction unit. Its position is ideally suited to the milling process as the extraction point is very close to the working area.



DentalPEG (Optional)



Maintenance

5 01

Maintenance UK

It is a legal requirement, under regulation 9 of the COSHH regulations that all local exhaust ventilation systems are thoroughly examined and tested at least once every 14 months (typically carried out annually). The approved code of practice recommends that a visual check should be carried out at least once a week.

COSHH requires the annual inspection and testing to be carried out by a competent person and specifies that documentation results are recorded in a log.

Contact the seller for more information about inspection and certification.

Maintenance General

User maintenance is limited to cleaning the unit, only the manufacturers trained maintenance technicians are authorised to carry out component testing and replacement. Unauthorised work may result in a potentially dangerous situation and will invalidate the manufacturer's warranty.

Cleaning the unit

The powder coat finish can be cleaned with a damp cloth and non-aggressive detergent, do not use an abrasive cleaning product as this will damage the finish.

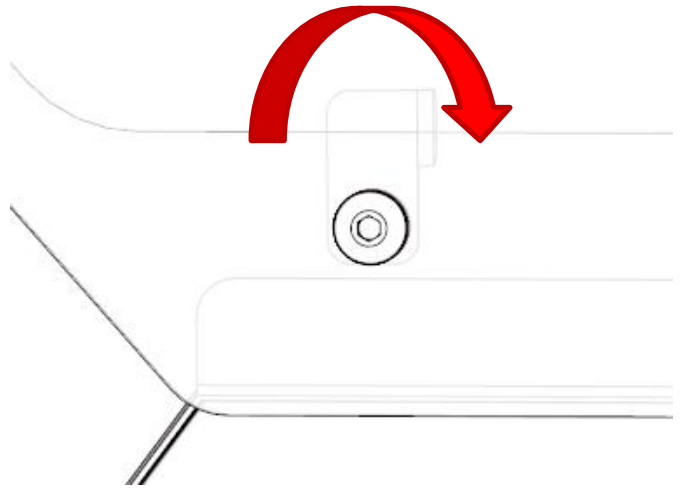
The inlets and outlets should be cleaned once a year to prevent build-up of dust and overheating of the unit.

Polycarbonate Protective Panel

The Xtract 300 features a removable polycarbonate protective panel. This panel is a disposable part that protects the main polycarbonate panel from scratches caused by debris given off in the milling process.

Replacement protective panels can be supplied by BOFA when required.

To remove the panel, simply turn the latch that is secured to the main panel through 180°. The panel can then be slid downwards and out of the slot located in between the hinges and replaced with a new panel.



System Specifications



Unit: DentalPRO Xtract 300

Weight: 30kg 66lbs
Input: 100-240V
50/60Hz
Current: 0.6A

Size:

	Metric (mm)	Imperial (inches)
Height	380	14.9
Depth	509	20.0
Width	738	29.0

Contact Information

BOFA Headquarters

19-20 Balena Close
Creekmoor industrial Estate
Poole
Dorset
BH17 7DU
UK
Phone: +44 (0) 1202 699 444

BOFA Americas

303 S. Madison Street
Staunton
Illinois
62088
USA
Phone: +1 (618) 205 5007

BOFA International GmbH

Sudring 62
D-21465
Wentorf bei Hamburg
Germany
Phone: +49 (0) 40 7393735-15