

# DentalEX

An extra layer of protection for Dental Professionals



## *What is it for?*

The DentalEX unit is designed for capturing and filtering aerosols from dental processes including viruses, such as Covid 19.

## *Will it keep me safe?*

Research has shown that viruses travel attached to moisture particles produced when talking and coughing.

The DentalEX is fitted with H14 HEPA filters, H14 HEPA is proven to filter 99.997% of particles below 0.3 microns.

HEPA Filters well exceed the 95% of filtration that N95 masks can provide. In fact, HEPA filters match the FFP3/N100 level of filtration.

Using the extraction arm allows contaminants to be captured at source, reducing the opportunity for other instruments and people becoming infected.

## *Technical Specifications*

Voltage	90v-254v
Part number	DEN200
Wattage	1.1KW
Frequency	50hz/60hz
Cabinet Height	688 mm
Cabinet Width	375 mm
Cabinet Depth	340 mm
Sound Level	<60dBa
Air flow	200 m3h
*Dimensions do not include extraction arm or hood	

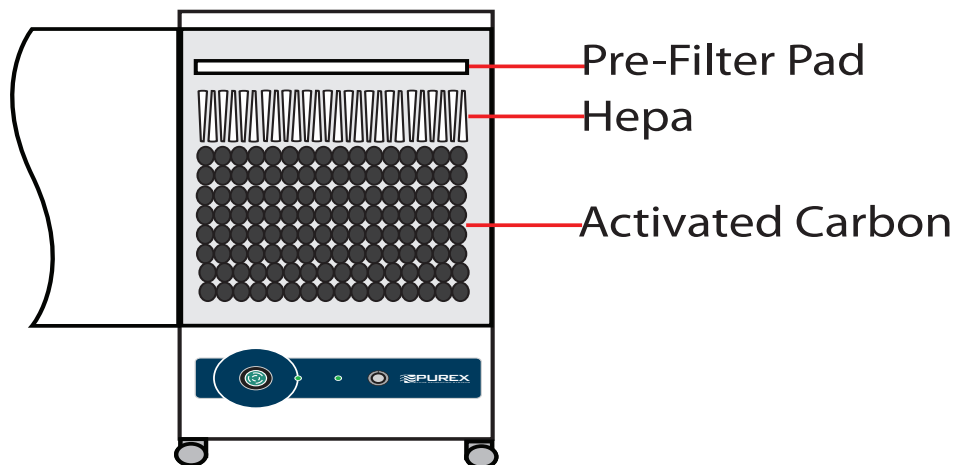
## ***How do I know its working?***

The DentalEX unit comes dual LED warnings included. The right hand LED shows the filter condition and will alarm when the filter is blocked and can not extract enough air. The left hand LED is connected to the inbuilt gas alarm. This measures the gases leaving the system and will alarm when the aerosol gases are not being filtered.

## ***What is included?***

High powered extraction machine, multi position extraction arm, 3 stage filtration including H14 HEPA filter, power cable, 4 industrial casters, 5M remote start foot switch.

### ***3 Stage Filtration***



“Aerosols produced by people when they breathe, talk and cough are generally between about 0.7 microns to around 10 microns – completely invisible to the naked eye and easily able to float in air”

Professor Shelly Miller ‘Coronavirus drifts through the air in microscopic droplets – here’s the science of infectious aerosols’

Find out more:



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