

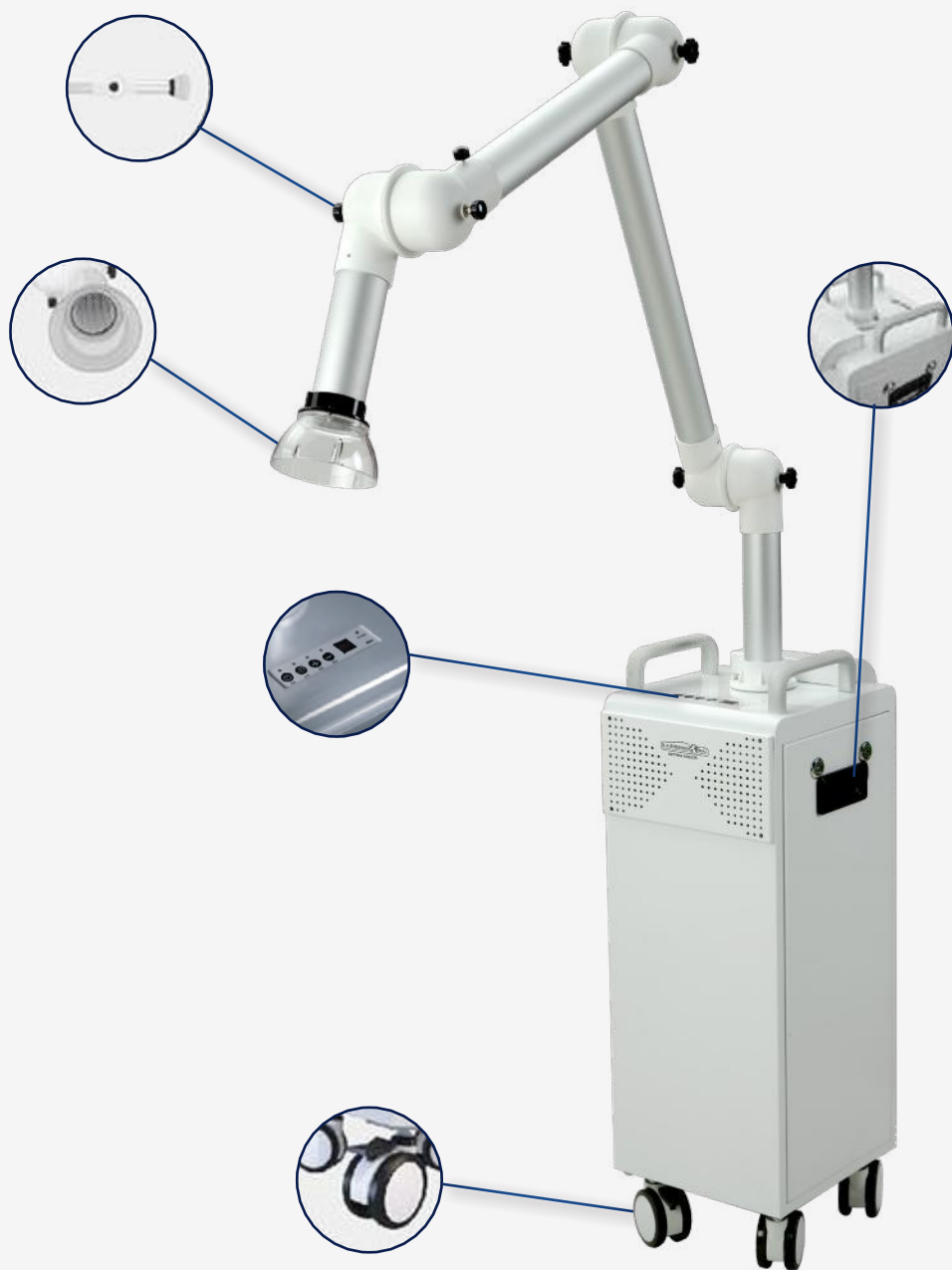


bainternational.com

# B.A. International OPTIMA EOS 350

**OPTIMA EOS 350**  
Extra-Oral Suction unit





## OPTIMA EOS 350

B.A. International's high power Extra-Oral Suction system is designed to effectively capture droplets and airborne aerosols produced from dental treatments while ensuring patient comfort. Its HEPA 14 filtration and ultraviolet disinfectant systems also will efficiently purify air in enclosed clinics.

### Ultra strong suction power

With its strong suction motor of 1.2kW and volume of suction up to 3,000 L/min, the Optima EOS 350 effectively captures droplets and aerosols produced from dental treatments while ensuring patient comfort.



### Intelligent Airflow Dynamics

The exhaust air is released from a rear-mounted air vent at the top of the system to prevent blow-up of any dust particles or contaminants from floor surfaces. The air vent located at the rear maximises comfort during treatment and circulates clean air in the room.

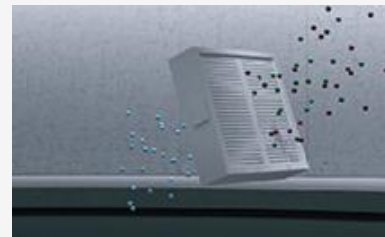


## Removes high volume of droplets & aerosols produced during treatment



### HEPA 14 filtration system

The HEPA filter traps 99.995% of particles  $\geq 0.3\mu\text{m}$  (H1 European standard EN779-1993) with a long service life of 1 year (or 1,000 hours).



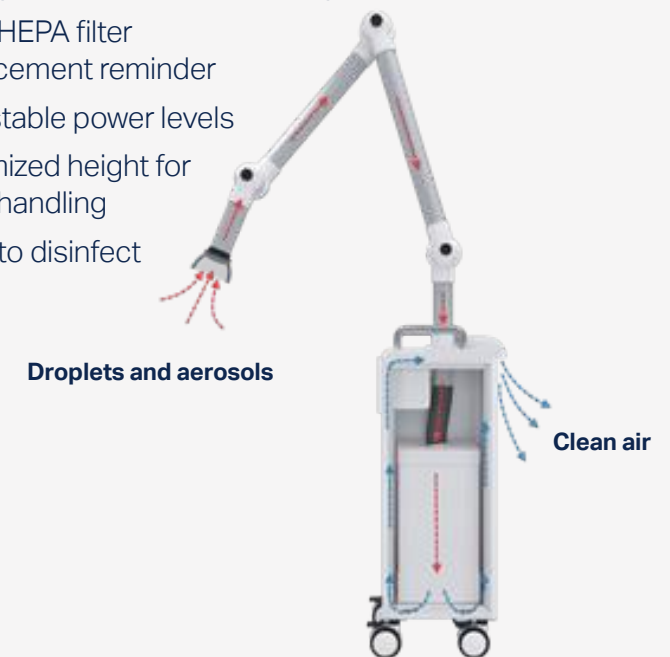
### Medical grade ultraviolet disinfectant system

The double UVC lamps positioned before the HEPA filter inactivates viruses and bacteria that are trapped by the filter. UV disinfection is considered safer than plasma disinfection. The lifetime of this system is expected to be >8,000 hours of continuous use.



## Other features

- Airtight casing - prevents contaminants from escaping and reduces noise
- Lightweight design for easy moving between surgeries using ergonomically placed pull handles
- Quiet operation at 58db (air cond volume) and silent wheels with minimal noise
- Intelligent control panel with digital indicator
- Auto HEPA filter replacement reminder
- Adjustable power levels
- Optimized height for easy handling
- Easy to disinfect



Specification	
Model	EOS350
Item Code	BA183050
Voltage	AC220-240V/50Hz
Power	1200W
Maximum Suction Power	28Kpa (10 levels adjustment)
Maximum Volume	3000L/Min

Specification	
The Sense & Control System	HEPA 14 Filtration System
Noise Decibel	58db
Net Weight	28kg
Unit Size	275*257*980mm
Gross Weight	30kg
Packing Size	370*360*1000mm

## Dealer Name and Details:

B.A. International reserve the right to correct clerical omissions and errors in this brochure. All pictures in this publication are for illustration purposes only. B.A. International standard terms and conditions apply. © 2020 B.A. International, Unit 9, Kingsthorpe Business Centre, Studland Road, Kingsthorpe, Northampton NN2 6NE, England. E & O E.

B.A. International, Unit 7-10, Kingsthorpe Business Centre,  
Studland Road, Kingsthorpe, Northampton NN2 6NE, England.

+44 (0)1604 777 700 | [sales@bainternational.com](mailto:sales@bainternational.com) | [www.bainternational.com](http://www.bainternational.com)

