

VISIONAIR DENTAL

AIR CLEANER

The VisionAir Dental purifies air polluted by mercury, small swirling metal, porcelain, ceramic particles, chemical sterilants and monomers as well as bacteria and viruses from the patient's mouth in - for example - dental practises or laboratories.

The VisionAir Dental can be fixed to the wall and placed on a movable stand (VisionDisplay Low).

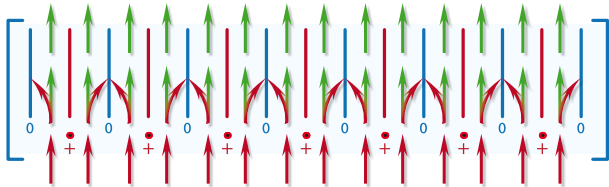


FILTERING PRINCIPLE

The 4-stage filtering process of the VisionAir Dental ensures its optimal effect.

Phase 1: the pre filter captures the bigger particles of dust and other polluting items such as swirling metals and porcelain.

Phase 2: the ElectroMax filter, catches the other, smaller, pollutants down to a size of 0.01 micron like grinding dust, among other things.



The ElectroMax filter in operation

Phase 3: the specially developed mercury adsorption filter (Dental filter) eliminates the mercury vapour concentration. In addition, this filter also reduces all kinds of medicinal smells and body odours.



Filters phase 1 to 3:
Pre filter » ElectroMax filter »
Dental filter

Phase 4: The primary radiation - generated by the mercury low-pressure UV-C light of SterilAir - consists almost exclusively of a spectral line at 254 nanometers, and destroys or inactivates micro-organisms.

DIMENSIONS VISIONAIR DENTAL



Dimensions L x W x H	630 x 620 x 290 mm
Net weight	16,5 kg

APPROVALS/CERTIFICATES



SPECIFICATIONS

■ Physical properties	
Material housing	ABS
Colour	offwhite
Mains cord	3 m (0.6 m internal, 2.4 m external)
Plug	C-type plug included
Fan speeds	4
Mounting options	<ul style="list-style-type: none"> • free-standing • on VisionDisplay/ VisionDisplay Low • mounting to or in the wall
Control	IR remote control (standard)

■ Performance	
Volume of the room	up to 150 m ³
Airflow	<ul style="list-style-type: none"> • = 165 m³/h •• = 350 m³/h ••• = 500 m³/h •••• = 600 m³/h
Fan capacity	1100 m ³ /h
Noise level	40-65 dB(A)
■ Electrical data	
Power supply	230V/1~/50Hz
Power consumption	117 W
■ Filters and maintenance	
Pre filter	1 Pre filter (disposable)
ElectroMax filter	1 ElectroMax filter: (cleanable, reusable)
Dental filter	1 Dental filter (disposable)
■ Available options/accessories	
VisionDisplay/VisionDisplay Low	optional
■ Order information	
VisionAir Dental	1061981010
Pre filter	9860010020 (72 pcs) 9860010030 (600 pcs)
ElectroMax filter	9850090080 (1 pc)
Dental filter	9860010250 (10 pcs)
SterilAir (UV-C)	9850090060
FreeBreeze	9860010100 Artic pine 9860010140 Waterfall 9860010180 Menthol
■ Shipping data	
Gross weight	17,5 kg
Packing dimensions (L x W x H)	700 x 700 x 350 mm
Harmonized Tariff Code	84213920
Country of origin	the Netherlands

Product type	VisionAir Dental
Article no.	Refer to specifications
Product category	Air cleaners
Version	110810/C

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