
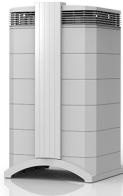



The IQAir® Dental Series – Model Comparison

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		Dental Pro		Dental Hg with optional FlexVac™ Source-Capture Kit **		
						
Filtration Spectrum & Efficiency	Allergens (pollen, mould spores etc.)		✓✓✓✓✓		✓✓✓✓✓	
	Odours (e.g. disinfectant odours)		✓✓✓✓✓		✓✓✓	
	Fine Dust and Particular Matter		✓✓✓✓		✓✓✓✓	
	Chemicals		✓✓✓✓✓		✓✓✓	
	Bacteria and Viruses		✓✓✓✓		✓✓✓✓	
	Mercury Vapour		✓✓✓✓		✓✓✓✓✓	
	Total System Efficiency for Particles		≥99% @ ≥0.3 µm (certified)			
Filter Stages	Pre-filter	Type/Description	GC HEPA Pre-Filter H11 (S), High-capacity pre-filter (class H11) for the control of coarse, fine & ultra-fine dust particles			
		approx. Filter Life †	9-15 months			
		Surface area	3.0 m²			
	Gas- & Odour Filter	Type/Description	Dental Pro Filter Cartridge Set (Set of 4) for the control of a wide range of chemical substances, odours and mercury vapour. Media type: 2 x granular impregnated activated carbon (AC/4-S); 2 x activated carbon & impregnated alumina (AC/4+IA/4).	Dental Hg Filter Cartridge Set (Set of 4) for the control of mercury vapour. Media type: 4 x granular impregnated activated carbon (AC/4-S).		
		approx. Filter Life †	18-30 months			
		Weight	5.0 kg			
	Particle Filter	Type/Description	GC Post-Filter Sleeve Set, Electrostatically charged fibre filters for the removal of fine and ultrafine particles			
approx. Filter Life †		18-30 months				
Surface area		0.5 m²				
Technical Specifications	Air Delivery per level (m³/h)*		1: 50, 2: 90, 3: 150, 4: 220, 5: 280, 6: 400 m³/h			
	Suitable for Rooms up to		75 m²			
	Sound Pressure / Power Level per level*		L _w 1: 22, 2: 33, 3: 41, 4: 47, 5: 52, 6: 57 dB(A); L _w 1: 32, 2: 43, 3: 51, 4: 57, 5: 62, 6: 67 dB(A)			
	Dimensions		71 x 41 x 38 cm			
	Weight (incl. Filter)		approx. 26 kg			
Features & Accessories	Standard Features		Intelligent filter life monitor ● Filter replacement LED ● Advanced timer ● 6 fan speeds ● 4 display languages ● 4-key touch-pad with 2 line LCD display ● High-performance centrifugal backward curved fan ● Remote control (incl. battery) ● Certificate of performance ● Power cord with plug ● Deluxe casters (2 with wheel lock function)			
	Optional Accessories		FlexVac & VM FlexVac (mobile & wall-mounted source capture kits) ● VMF (wall-mount bracket) ● PF40 (coarse dust pre-filter) ● InFlow, VM InFlow & OutFlow (positive/negative pressure duct connections) ● Mobility 56 (set of elevated casters for enhanced air intake)			
	Origin / Warranty		Made in Switzerland / 2 years (without filters)			

* measured at 230V, 50Hz; tolerance ±10% (± 10 m³/h)

** the FlexVac is available as optional accessory for both Dental models, but predominantly used in combination with the Dental Hg model for the source capture of dental amalgam vapours and aerosols generated during the use of ultrasonic scaler or high-speed dental drills.

† The filter life estimate is based on the following assumptions: Average usage (12 hours/day), average fan speed (3) and average pollution concentrations. Actual filter life will depend on actual usage conditions.

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