

Solutions for Water / Air Supply

Fluid Technology

Compact dental assembly

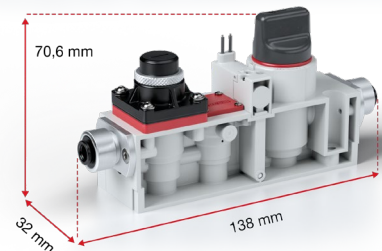
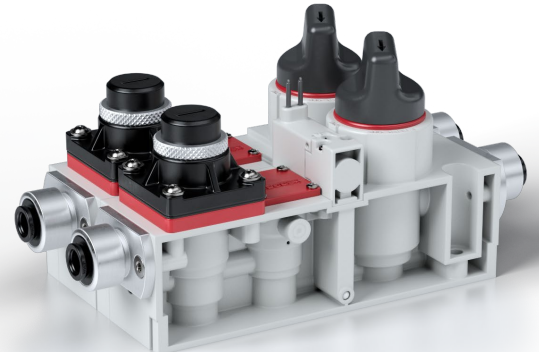
Cost-efficient Water and Air Supply (WAS)

This unit stands out of the ordinary for its particularly good regulating characteristic and ensures a constant and reliable supply of air and water for the dental treatment unit. Its sophisticated two channel-design provides one channel for air and another on for water. Each path consists of a robust pre-controlled valve, pressure regulator and replaceable filter. Additionally there is an integrated shut off valve, which disconnect the water/air supply automatically when replacing filter. Optional integrated pressure sensors can be used e.g. for leakage detection within the treatment unit.

Properties WAS unit

- Precise and excellent flow rates
- Module prepared for drinking water approval (KTW BWGL)
- Cost efficient and compact design
- Flexible customization

extra valves
for life science



Preview technical data	Air / Water supply unit (WAS]	
Flow range	Air Flow @6bar: typical ≥ 300 l/min Water Flow @4bar: typical ≥ 6 l/min	
Pressure range (others upon request)	Air: 2- 10 bar Water: 0- 8 bar	
Nominal voltage (U_{nom})	24V DC or 12V DC	
Power consumption (P_{nom}) 3/2 way pilot valve	$\leq 1W$	
Valve function main valve	2/2 way normally closed	
Operating temperature	5°C...+50°C	
Inlet Air / Water connections	G3/8, 6mm Push-in, others on request	
Outlet Air / Water connections	G3/8, 6mm Push-in, others on request	
Filter elements	Replaceable nylon mesh filters for air and water, (others upon request)*	
Optional supply port functions	1x Air filtered, non regulated	1x Water filtered, non regulated
Operating media	Filtered air and city water (others upon request)*	
Polymers	EPDM, POM	
Module dimensions (H x W x D)	approx. 70,6 x 138 x 32	

* See Technical Information

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