

PMPD 1000



Dilution system ejector for the PMP application with dilution factor 1:1000



Benefits

- The dilution systems from Palas® are clearly characterized. This is proven by means of a calibration certificate for each individual device.
- The dilution steps of the PMPD series produce a temporally constant, representative dilution with factor 100 / 1000.
- Low compressed air consumption (e.g. only 96 L/min. for a dilution factor of 1000 with four VKL 10 systems)
- The dilution steps can be combined with all common particle counters.

Applications

Dilution system for PMP measurement chain



<https://www.palas.de/product/pmpd1000>

PMPD 1000



Datasheet

<i>Parameter</i>	<i>Description</i>
Isokinetic suction nozzles	2 - 5 l/min
Maximum particle size	< 10 μm
Thermodynamic conditions for dilution	400°C
Volume flow (clean air)	54 - 135 l/min (heated to 200 °C)
Volume flow (suction flow)	2 - 5 l/min
Compressed air supply	4 - 8 bar
Dilution factor	1 : 1,000
Power supply	115 - 230 V, 50/60 Hz
Special features	Evaporation of volatile elements for exhaust emission measurements according to VPR Calibration Procedure AEA/ED 47382/Issue 5 (Volatile Particle Removal Efficiency), chemical resistant, heated to 200 °C

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