

PMPD 100



Dilution system ejector for the PMP application with dilution factor 1:100

Benefits

- The dilution systems from Palas® are characterized unambiguously. This is documented with a calibration certificate for each individual device.
- The dilution steps for the PMPD series deliver a temporally constant, representative dilution with the factors 100 and 1000.
- Low compressed air consumption (e.g. just 96 l/min. for a dilution factor of 1000 with four VKL 10 systems)
- The dilution steps are combinable with all common particle counters.

Applications

Dilution system for PMP measurement chain

<https://www.palas.de/product/pmpd100>

Datasheet

<i>Parameter</i>	<i>Description</i>
Power supply	115 - 230 V, 50 - 60 Hz
Dilution factor	1 : 100
Isokinetic suction nozzles	2 - 5 l/min
Maximum particle size	< 10 μm
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
Thermodynamic conditions for dilution	400°C
Volume flow (clean air)	36 - 90 l/min (heated to 200 °C)
Volume flow (suction flow)	2 - 5 l/min
Compressed air supply	4 - 8 bar

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