

# 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>

## Datasheet

Parameter	Description
<b>Power supply</b>	115 – 230 V, 50 – 60 Hz
<b>Dilution factor</b>	1 : 1000
<b>Isokinetic suction nozzles</b>	2 – 5 l/min
<b>Maximum particle size</b>	< 10 µm
<b>Special features</b>	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
<b>Thermodynamic conditions for dilution</b>	400°C
<b>Volume flow (clean air)</b>	54 – 135 l/min (heated to 200 °C)
<b>Volume flow (suction flow)</b>	2 – 5 l/min
<b>Compressed air supply</b>	4 – 8 bar

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