

LDD 100 H



Heatable dilution system up to 150 °C for large droplets up to 10 μm

Benefits

- Defined dilution of large droplets of factor 100
- Proven dilution factor 100 for droplet sizes up to 7 μm
- Easy connection with Promo® and welas® digital aerosol spectrometers
- Internal pump for autonomous operations
- Resistant to pressure fluctuations of ± 200 mbar
- Simple handling
- Robust, durable, low maintenance
- Cost effective

Applications

- Measurement of blow-by aerosols according to ISO 17536
- Dilution of compressed air
- Measurement of cooling lubricant aerosols



<https://www.palas.de/product/ldd100h>

Datasheet

| <i>Parameter</i> | <i>Description</i> |
|-----------------------------------|--|
| Power consumption | 200 W |
| Dimensions | Steuereinheit: 185 • 450 • 315 mm (H • B • T) Verdünnungseinheit: 250 • 145 • 120 mm (H • B • T) |
| Weight | Steuereinheit: 10,2 kg Verdünnungseinheit: 2,9 kg |
| Installation conditions | 0 - 40 °C |
| Dilution factor | 1 : 10 1 : 100 |
| Special features | Heatable up to 150 °C |
| Volume flow (suction flow) | 0.5 l/min $\hat{=}$ 0.03 m ³ /h |

Palas GmbH
Partikel- und Lasermesstechnik
Greschbachstrasse 3 b
76229 Karlsruhe
Germany

Managing Partner:
Dr.-Ing. Maximilian Weiß
Commercial Register:
register court: Mannheim
company registration number: HRB 103813
USt-Id: DE143585902



Contact: E-Mail: mail@palas.de Internet: www.palas.de Tel: +49 (0)721 96213-0 Fax: +49 (0)721 96213-33