

# LDD 10



The dilution of large droplets is significant when measuring highly concentrated droplet aerosols. Since large droplets are challenging to dilute, standard systems only work up to a size of 1 - 2  $\mu\text{m}$ . The dilution system LDD 10 (dilution factor 10) is the first system to dilute almost loss-free large droplets up to 10  $\mu\text{m}$

## BENEFITS

- Defined dilution of large droplets of factor 10
- Proven dilution factors 10 and 100 for droplet sizes up to 7  $\mu\text{m}$
- Easy connection with Promo® and welas® digital aerosol spectrometers
- Internal pump for on-site operation
- Insensitive to pressure fluctuations of  $\pm 200$  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

