

# EPD sample pre-dilution device

Odour sampling equipment

- Manual sample pre-dilution system for laboratory use
- PTFE and stainless steel (EN 13725)
- Dilutions pre-set to 1:10 and 1:100
- Easy to use and connect
- Portable
- Low noise level
- Low air and sample consumption
- Fast sample pre-dilution



## Scope of supply:

- 2 x 3m compressed air connecting PTFE pipeline
- 1 T-unit 8 mm
- 5 x 10l Gas Sampling Bags

## Optional:

- Underpressure sampling device (20,000 Pa)

The EPD is an easy to use pre-dilution system for highly concentrated odour samples. It has been developed to increase the measuring range at high odorant concentrations for olfactometers.

And, because it ensures that the odour concentration of the air is not too high, it also prevents self-contamination of the olfactometer.

The EPD is designed for use in olfactometry laboratories and gives the operator the opportunity to process odour samples with a concentration of up to  $6 \times 10^6$   $OU_e/m^3$  with just one additional mixing process.

Because the dilution precedes the olfactometric measurement, virtually all known odour emissions from environmental protection and industrial markets can be olfactometrically measured using this device.

# Technical Data

EPD sample pre-dilution device



Manufacturer	Odournet GmbH, Germany
Dimension (L x W x H)	45 x 105 x 250 mm
Weight	2 kg
Dilution principle	Gas jet pumps
Gas jet pumps	Gas jet pumps
Dilution ranges	Standard: 1:10/1:100, 1:2 to 1:200 also possible
Standard deviation of the dilutions	< 5%
Response time	< 1s
Setup time	< 1s
Maintenance interval	12 months (according to EN 13725)
Warranty	24 months (warranty extension up to 5 years through service contracts possible)

