

Olfactometer T09

Olfactometer TO-series

- All the functionality of the T08
- Plus dual-forced-choice (DFC) method
- Fastest analysis: Yes/No method approx. 5 minutes, dual-forced-choice method approx. 7 minute
- Maximum dilution 2^{17}



Scope of supply:

- Filter system
- Robust transport box
- Heating system to prevent contamination
- Full version software: Dynamic olfactometry and intensity/hedonic tone on USB stick
- 5 m compressed air connecting PTFE pipeline
- Compressed air connection (8mm external)
- 50 x 10l bags
- Calibration certificate according to ISO 17025

The T09 olfactometer has all the functionality of the T08, plus the dual-forced-choice method. It meets all the requirements of a dilution device for olfactometric measurements according to EN 13725.

Using the T09 gives you a complete description of an odour sample.

The maximum dilution increases to 2^{17} , allowing you to measure samples of higher odour concentrations than is possible with the T08.

Technical Data

Olfactometer T09



Manufacturer	Odournet GmbH, Germany
Dimension (L x W x H)	a) 650 x 650 x 470 mm b) 650 x 650 x 270 mm
Weight	18 kg
Dilution principle	Gas jet pumps and calibrated precision orifices for sample dosage
Vent for surplus diluted odour	Outlet air via active carbon filter
Number of panel members working simultaneously	4
Maximum panel size (software setting)	16
Analyses time for one sample (EN 13725)	5 min (yes/no) 7 min (dual-forced-choice)
Required air supply	Yes-/No: 115 l/min, oil-free Dual-Forced-Choice: 180 l/min, oil-free
Dilution range	2^2 (1:4) - 2^{17} (1:131,072)
Interval steps	Factor 2
Dilution accuracy	< 5%
Response / setting time	< 0.1 sec
Required sample volume	High concentrations: 2-3 liter Low concentrations: 8-10 liter
Maximum calibration interval	12 months (according to EN 13725)
Warranty	24 months (warranty extension up to 5 years through service contracts possible)