

Olfactometer TO8s

Olfactometer TO-series

- All the functionality of the TO8
- Extra small and light olfactometer (about 9 kg)
- Easy to build up in 10 min on site
- Specially designed for travelling and measurements on site in a mobile lab



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 TO8s is the smallest four-station olfactometer in the world. It meets all requirements of a dilution device for olfactometric measurements according to EN 13725.

Using the TO8s gives you a complete description of an odour sample.

With all the functionality of the TO8, the TO8s is specially designed for travelling. For the user, this means measurements can be taken wherever you are in the world, and international projects can easily be undertaken. Weighing only 21kg (packed in a trolley), the TO8s is also permitted on most flights.

Technical Data

Olfactometer TO8s



Manufacturer	Odournet GmbH, Germany
Dimension (L x W x H) a) assembled b) transport size	a) 420 x 420 x 410 mm, b) 400 x 400 x 220 mm
Weight	8.5 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
Required air supply	115 l/min, oil-free
Dilution range	2 ² (1:4) - 2 ¹⁶ (1:65,536)
Interval steps	Factor 2
Dilution accuracy	< 5%
Response / setting time	< 0.1 sec
Required sample volume	High concentrations: 1-2 liter Low concentrations: 6-8 liter
Maximum calibration interval	12 months (according to EN 13725)
Warranty	24 months (warranty extension up to 5 years through service contracts possible)