

3. Odour sampling equipment

CSD30 odour sampling device

- Micro processor controlled pump, flow controlled by orifice disc
- 5 min, 10 min, 15 min or 30 min continuous sampling
- VDI 3880 and EN 13725 compliant
- Easily portable
- Stops automatically
- High quality rechargeable batteries (last for about 16 x 30-minute samples)



Technical Data

CSD30 odour sampling device



Manufacturer	Odournet GmbH, Germany
Dimension (L x W x H)	700 x 190 x 260 mm
Weight	4.8 kg
Sample volume (bag size)	10 litres
Filling time	30, 15, 10 or 5 minutes
Suction pressure	50 mbar
Battery NiCd	6V 5Ah
Warranty	24 months (warranty extension up to 5 years through service contracts possible)

Scope of supply:

- Calibrated nozzle for 30-minutes sampling
- Battery charger
- PTFE flexible probe tube 2 m
- Countdown timer
- 5 x 10l Gas Sampling Bags

Accessories (optional):

- Stainless steel probe
- Calibrated nozzle for different volumetric flows (i.e. filling times)

The CSD30 is a sampling device for collecting air (odour) samples in gas sampling bags, with a default odour sampling duration of 30 minutes.

Using the lung principle, the sample flows into the gas sampling bag through the sampling tube only, without passing through pumps or other equipment. The materials used for 'wetted' parts that are in contact with the sample flow are PTFE and stainless steel, in compliance with EN 13725 and VDI 3880.

The sample flow is regulated using a calibrated nozzle that's integrated in the sampling device. Other nozzles, flows and filling times are available on request. The odour sampling rate is independent of the static pressure conditions at the sampling point if the pressure difference is less than 150 mbar. The sampling flow is closed automatically once the gas sampling bag is full. Alternatively, you can select a shorter sampling duration using a countdown timer.

The CSD30 sampling device operates from its integrated rechargeable NiCd battery, so does not require an AC power connection. The device is also robust and easy to operate.