

## **EX-TEC® OD 4** – Measuring instrument for odorant control

### Odorant measuring – simple and economical

Natural gas is – by nature – odourless and for safety reasons it must be provided with odorous substances (odorants tetrahydrothiophene or tertiary butyl-mercaptan).

The odorant content of natural gases has to be tested regularly in accordance with DVGW regulation G 280-1 (A).

The **EX-TEC® OD 4** is the ideal measuring device for complementary/supporting measurements.



### Features

- Basic device with built-in pump
- Low release times
- Electrochemical sensors
- All commercial Mignon accumulators or batteries may be used for power supply
- Micro-processor controlled
- Large, illuminated display
- Self-test when switched on
- Simple handling by three keys
- Internal data storage (PC evaluation possible)
- Visual and audible alarms
- Adjustable threshold
- Temperature compensated sensors
- User menu
- Function menu for individual instrument configuration (PIN code-protected)
- Adjustable test gas concentrations

## Electrochemical sensors

	Measuring range	Response time $t_{90}$	Durability expected
THT (Tetrahydrothiophene)	0 – 100 mg/m <sup>3</sup>	≈ 210 s	12 – 18 months
TBM (Tertiary butyl-mercaptan)	0 – 100 mg/m <sup>3</sup>	≈ 270 s	9 – 12 months

## Technical Data

Operating time:	typ. 20 h
Power supply:	NiMH accu, rechargeable or 3 Mignon Alkaline batteries
EX-protection (CENELEC):	EC type examination certificate according to ATEX 100a, guideline 94/9/EG
• Certificate No.:	TÜV 01 ATEX 1657
• Identification	II2G Ex e ib IIB T4 Gb, IIC when used with leather bag
Pump capacity	
• Low pressure	> 150 mbar
• Volumetric flow	typ. 5 – 15 l/h
Protection type:	IP54
Operating temperature:	-10 °C – +40 °C
Storage temperature:	-10 °C – +40 °C
Humidity range:	15 – 95 % r.h., non-condensing
Dimensions (W x H x D):	60 x 144 x 35 mm
Weight	approx. 300 g

## Accessories

- Carrying case
- Carrying bag
- Charging technique for 12 V/24 V DC or 100 – 240 V AC
- Connection hoses for various pressure ranges
- Test set and test gases
- GasIS (PC evaluation software) for the documentation of measurements



Please contact us for a comprehensive quotation, including additional technical specifications and information on accessories.  
103989 – 05/2013 – Subject to technical changes.