

EX-TEC® PM 4



**Gas detection, gas warning, gas concentration measuring instrument
for ppm, LEL and vol.% range applications**

Features

Modular instrument concept.
Basic device without pump (diffusion) or with built-in pump
Sensor combinations for diverse applications:

Applications	sensors
warning	%LEL
detecting + warning	ppm + %LEL
warning + measuring	%LEL + vol. %
detecting + measuring	ppm + vol. %
detecting + warning + measuring	ppm + %LEL + vol. %

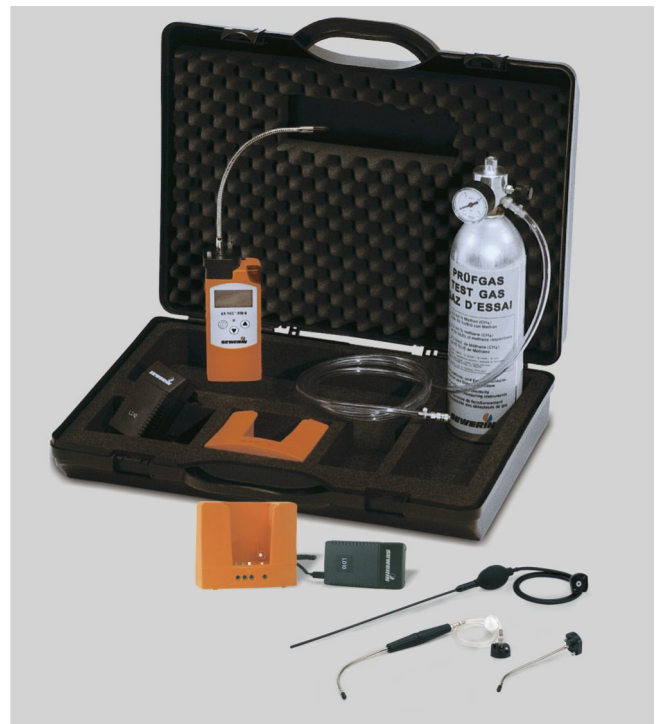
Large illuminated LCD display
Self-test when switched-on
Easy handling
Visual and audible alarms
Adjustable alarms for each range
Temperature compensated sensors
Easy to follow operator menu
Function menu for instrument configuration (PIN code protected)
Operator selectable flammable gas menu (option):
methane, propane, butane, hexane, nonane, hydrogen, jet fuel
Adjustable test gas concentrations

Approvals

Passive protection:
EC-type-examination certificate in accordance with ATEX 100a, guideline 94/9/EG
Certificate No.: TÜV 09 ATEX 555077 X
Identification: II2G EX d e ib IIb T4 Ex
Active protection:
Function safety test in mode "warning" for the following gases: Methane (CH₄), propane (C₃H₈) and Nonane (C₉H₂₀)
Certificate No.: BVS 09 ATEX G 002 X

Sensor operation / measuring range

Calibration on methane:
ppm sensor, semi-conductor: 0 – 22.000 ppm
Minimum detection sensitivity 1 ppm
%LEL sensor, catalytic combustion: 0 – 4.4 vol. %
Minimum detection sensitivity 500 ppm
Vol. % sensor, thermal conductivity: 0 – 100 vol. %
Minimum detection sensitivity 1 vol. %



Technical data

Operating time: typically 8 hours
Power supply: 3 Mignon NiMH accumulators or 3 Mignon Alkaline batteries
Operating temperature: -20 °C – +40 °C
Storage temperature: -25 °C – +50 °C
Type of protection: IP54
Dimensions (W x H x D): 60 x 144 x 35 mm
Weight: approx. 300 g

Accessories

Leather bag
Various probe systems
Test case / test sets / test gases

Please contact us for a detailed quote or more information.