



EX-TEC[®] PM 580/550/500

Your daily companion for working in the pipe network

***From Warning to Leak Detection in
Seconds - Effortless Indoor Operation***



Detect, warn, and measure with just one device.

Approval for operator protection

Certified functional safety
in the structure application –
with reliable CO detection
for safe use in buildings.

One device to warn about

5 *gases*

Configure your device for the
gases that you need:
 CH_4 / H_2S / O_2 / CO / CO_2

Stay on top of things

The intuitive menu navigation
and contrast rich display
facilitate any application –
even in bright sunlight.



Even more benefits for you



Scan to see a practical example of gas warning and detection in the structure application:



+ Save time

Quick leak detection thanks to highly sensitive sensors.

+ Document quickly and easily

Use the powerful GasCom software to quickly read measurement values and configure the device.

+ Work comfortably

The lightweight, non-slip design fits perfectly in your hand – for true one-hand operation, even while wearing gloves. Suitable for both right-handed and left-handed users.

+ Rely on your device

Developed for use in harsh field conditions.

+ Work efficiently

Measure explosive gases while detecting leaks.

+ Check and adjust automatically

Quickly and safely check and adjust your EX-TEC® PM 5x0 in all measuring ranges using the ATS 503/501 test equipment. The integrated gas supply saves time and effort. Intuitive operation and automatic documentation make processes run smoothly in service.

“The EX-TEC® PM 580 makes our work noticeably easier. It is quick to get ready for use, provides reliable results and saves time – thanks to the certified structure inspection application.”

Stefan Alzog, Netztechnik, GTG Nord





Work area monitoring



Measurement of gas and oxygen concentration



Measuring shafts

Certified protection



Certified passive* and active** explosion protection

TÜV 17 ATEX 171969 X
IECEX TUN 17.0027 X

EU type examination certificate
IECEX

applies to „Warning“ and
„Structure“ applications
BVS 19 ATEX G 002 X
PFG 19 G 004 X

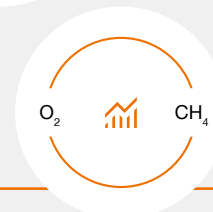
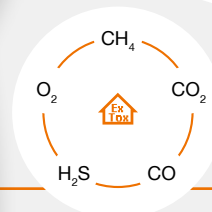
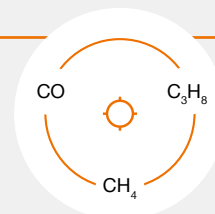
Measuring function certified for methane (CH_4), propane (C_3H_8)
Measuring function certified for oxygen (O_2), carbon monoxide (CO),
hydrogen sulphide (H_2S), carbon dioxide (CO_2)

* Passive explosion protection: EU type-examination certificate confirms that the EX-TEC® PM 580 / 550 / 500 does not constitute an ignition source

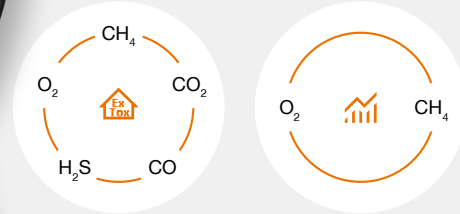
** Active explosion protection: gas warning device warns of explosive gas in the room

Choose your device

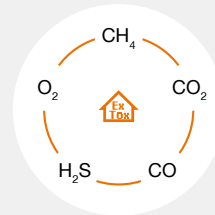
EX-TEC® PM 580
Detect, warn, and
measure gas



EX-TEC® PM 550
Warn and measure gas



EX-TEC® PM 500
Basic device for gas warning



Legend

○ Detecting 🏠 Warning 📊 Measuring

More flexibility for your everyday work

With the right accessories you will get the best out of your EX-TEC® PM 5x0 device. From practical probes to powerful test devices right down to professional software – everything is tailored to your requirements in the field or for test applications.

Clip probe for gas sampling



- + Required when the gas sample is to be taken near the head
- + With fastening clip for the lapel

Flex probe HG5



- + One-hand leak detection with flexible gooseneck

Flexible hand probe



- + Flexible leak detection for two-hand operation (length 360 mm)

Hand probe



- + Compact and easy to operate (length 900 mm)

Floating probe



- + For monitoring shafts or enclosed spaces

SPE AutoFlow test set



- + Makes compulsory device inspections easier and reduces test gas consumption

Case HG5 L-BOXX



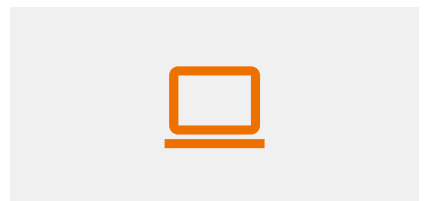
- + Everything neatly laid out in its place

Automatic test station ATS 503 / ATS 501



- + For optimal device maintenance: Device inspection, calibration and adjustment in one device

Powerful GasCom software



- + Easily read out recorded measurement values and extensive device configuration



Do you have questions? Call us.

Which model of the EX-TEC® PM 5x0 series is the right solution for your challenge? Let's talk. Our service and sales team will gladly support you when choosing the right device. We are there for you when you commission the device as well as afterwards.

Hermann Sewerin GmbH
Robert-Bosch-Straße 3
33334 Gütersloh | Germany
☎ +49 5241 934-0
✉ info@sewerin.com
sewerin.com

107742 – 09/2025
Subject to technical changes.