

Dräger Pac[®] 7000 Single-Gas Detection Device

Safety at the workplace always takes priority: depending on the sensor selection, the single gas detector, Dräger Pac[®] 7000, provides a reliable warning against dangerous concentrations of 14 different gases. Unique: the optional 5-year warranty for the H₂S, O₂ and CO versions.

Tightly fastening crocodile clip

- Easy to attach, e.g. on the clothes

Unique gas access entry

- Gas access from the top and from the front side

Robust housing

- Also suitable for very rough environments

Clear, non-verbal (pictorial) concentration display

- All important information at a glance

Sensor designation

- Designation of the sensor types in color and in writing

360° alarm

- Easily visible from all sides



ST-176E-2005

Benefits

Warns against hazardous gas concentrations

Every working day places the highest demands on gas monitoring. The device reliably warns against hazardous concentrations of carbon monoxide, hydrogen sulphide (including a Low Concentration option), oxygen, carbon dioxide, sulphur dioxide, chlorine, hydrogen cyanide, ammonia, nitrogen dioxide, nitrogen monoxide, phosphine and organic vapours.

Robust and long-lasting

Protective rubber ensures that the casing of the Dräger Pac 7000 is particularly shock-proof. The device meets the strict dust and water protection requirements specified in IP 68. The electromagnetic resistance has also been optimised. Dräger has designed the Dräger Pac 7000 for unlimited lifetime. When needed, the sensors can be simply replaced.

Simple calibration and configuration

The bump test mode and sensitivity calibration can be selected via a password-protected menu. The fresh air calibration can be optimally protected using a password. The device is equipped with an infrared interface and can be connected to a PC via a communication cradle in order to activate the desired functions or download stored data.

Innovative miniature sensors

The innovative Dräger XXS sensors react quickly and produce reliable measurement results. Very short diffusion paths inside the device, as well as the sensors' rapid electrochemical reactions, ensure that any gas-related dangers are displayed as soon as they occur. For maximum safety, the sensor is positioned inside the housing such as to allow gas to reach it from above and from the front. This guarantees flawless measurement, even when the gas entry has been accidentally obstructed.

Fast bump tests with the Dräger Bump Test Station

To perform an automatic function test with a known gas concentration within a matter of seconds, the device is simply inserted into the Dräger Bump Test Station. The display informs the user if the bump test (function test) was successful. If the test is not performed within a certain time frame, the device can be set-up to deactivate itself.

Triple alarm for extra safety

As soon as the adjustable alarm thresholds are exceeded, or values fall below the configured oxygen concentration, the Dräger Pac 7000 immediately issues an audible, visual and vibrating alarm. In addition, the device is also equipped with adjustable TWA and STEL alarms. The user is also warned when the battery is low or a functional error has occurred.

Benefits

5-year guarantee option

Dräger offers an optional 5-year warranty for the hydrogen sulphide, oxygen and carbon monoxide monitors.

System components



D-12191-2010

DrägerSensor XXS

A small sensor – a giant step into the future: The new DrägerSensor XXS range is remarkably compact, and boasts an even higher performance than the competition.



D-47907-2012

Dräger X-dock® 5300/6300/6600

The Dräger X-dock® series provides you with full control of your portable Dräger gas detection instruments. Automatic bump tests and calibrations with reduced test gas consumption and short testing times save time and money. Comprehensive documentation and evaluations provide you with a clear overview.

System components



Dräger Bump Test Station

Easy to use, stand-alone and portable. With the Bump Test Station, functionality tests of gas detection and warning devices can be carried out easily and quickly.

Accessories



Leather carrying case



Calibration adapter

Accessories



D-2099-2011

Water and Dust Filter



D-77451-2013

Communication Module

Complete with USB cable



D-30746-2015

Dräger Configuration and Evaluation Software

Save measurement results, professionally configure gas detection instruments and viewing performance data – all that is possible with the tailor-made Dräger software.



ST-5080-2005

Calibration gas and accessories

Calibration of equipment will ensure safe operation and functionality of equipment and will also meet with the applicable regulations and codes of practice. Various calibration options are available to provide this facility.

Related Products



D-1328-2009

Dräger Pac® 3500

Fast and reliable, accurate and maintenance-free for up to two years: Dräger Pac® 3500 is ideal for the industrial personal monitoring of carbon monoxide, hydrogen sulphide or oxygen.



D-537-2009

Dräger Pac® 5500

Longer assignments are its speciality: the single gas instrument, Dräger Pac® 5500, has no lifetime limitation, and is ideal for fast and accurate personal monitoring and the detection of carbon monoxide, hydrogen sulphide or oxygen.

Ordering Information

Dräger Pac® 7000

Description	Measuring range	Alarm threshold A1/A2 (standard)	Resolution	Response time T90	Order number
Dräger Pac® 7000 H ₂ S ¹⁾	0 – 200 ppm	5/10 ppm	1 ppm	13 sec.	83 18 674
Dräger Pac® 7000 H ₂ S ²⁾	0 – 200 ppm	10/20 ppm	1 ppm	13 sec.	83 18 971
Dräger Pac® 7000 H ₂ S	0 – 200 ppm	Customer request	1 ppm	13 sec.	83 18 677
Dräger Pac® 7000 H ₂ S LC	0 – 200 ppm	Customer request	0.1 ppm	13 sec.	83 21 004
Dräger Pac® 7000 O ₂ ¹⁾	0 – 25 Vol.-%	19/23 Vol.-%	0.1 Vol.-%	20 sec.	83 18 675
Dräger Pac® 7000 O ₂ ²⁾	0 – 25 Vol.-%	19.5/23.5 Vol.-%	0.1 Vol.-%	20 sec.	83 18 972
Dräger Pac® 7000 O ₂	0 – 25 Vol.-%	Customer request	0.1 Vol.-%	20 sec.	83 18 678
Dräger Pac® 7000 CO ¹⁾	0 – 1999 ppm	30/60 ppm	2 ppm	11 sec.	83 18 673
Dräger Pac® 7000 CO	0 – 1999 ppm	Customer request	2 ppm	11 sec.	83 18 676
Dräger Pac® 7000 CO ²⁾	0 – 1999 ppm	35/50 ppm	2 ppm	11 sec.	83 18 970
Dräger Pac® 7000 CO LC	0 – 1999 ppm	30/60 ppm	1 ppm	15 sec.	83 23 015
Dräger Pac® 7000 CO ₂	0 – 5 Vol.-%	Customer request	0.1 Vol.-%	30 sec. T50	83 18 975
Dräger Pac® 7000 Cl ₂	0 – 20 ppm	Customer request	0.05 ppm	30 sec.	83 18 978
Dräger Pac® 7000 HCN	0 – 50 ppm	Customer request	0.1 ppm	10 sec. T50	83 18 973
Dräger Pac® 7000 HCN PC	0 – 50 ppm	Customer request	0.5 ppm	10 sec. T50	83 24 830
Dräger Pac® 7000 NH ₃	0 – 300 ppm	Customer request	1 ppm	10 sec. T50	83 18 979
Dräger Pac® 7000 NO ₂	0 – 50 ppm	Customer request	0.1 ppm	15 sec.	83 18 977
Dräger Pac® 7000 NO	0 – 200 ppm	Customer request	1 ppm	10 sec.	83 21 263
Dräger Pac® 7000 PH ₃	0 – 20 ppm	Customer request	0.01 ppm	10 sec.	83 18 974
Dräger Pac® 7000 OV	0 – 200 ppm	Customer request	0.5 ppm	20 sec. T50	83 21 006
Dräger Pac® 7000 OV-A	0 – 200 ppm	Customer request	1 ppm	40 sec. T50	83 21 007
Dräger Pac® 7000 SO ₂	0 - 100 ppm	Customer request	1 ppm	15 sec.	83 18 976

¹⁾Standard configuration Europe

²⁾ Standard configuration North America

Ordering Information

5-year warranty (excl. filter and battery)

Dräger Pac® 7000 5Y H ₂ S	0 – 100 ppm	Customer request	1 ppm	13 sec.	83 21 032
Dräger Pac® 7000 5Y O ₂	0 – 25 Vol.-%	Customer request	0.1 Vol.-%	20 sec.	83 21 033
Dräger Pac® 7000 5Y CO	0 – 1999 ppm	Customer request	2 ppm	11 sec.	83 21 031

ACCESSORIES FOR THE DRÄGER PAC® SERIES

Leather carrying case	45 43 822
Communication accessories	
Dräger CC-Vision Basic, free at www.draeger.com	
Communication module, incl. USB cable	83 18 587
Calibration accessories	
Calibration adapter	83 18 588
Dräger X-Dock® 5300 Pac®	83 21 881
Dräger Bump test station for Dräger Pac®, order gas separately	83 17 410
Dräger Bump Test Station for Dräger Pac®, Incl. a test gas cylinder 58L (gas and concentration selectable)	83 18 586
Spare parts	
Lithium battery	45 43 808
Sensor filter (4 pcs.)	83 23 615
Set-Grip Clip	83 19 186
*on the electronics, with the exception of the battery	

CORPORATE HEADQUARTERS

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