

## Dräger Pac® Series Single Gas Detectors

The Dräger Pac® series is composed of fast, accurate, reliable and easy-to-use personal single gas detectors. The devices are extremely robust, featuring clear warning signals and language-free displays. Their cutting-edge sensor technology delivers reliable results every time.



### INNOVATIVE DESIGN

Dräger Pac devices are small and portable, but packed with several innovations. The requirements for the various uses and applications in the industrial sector were carefully considered during their development.

### ROBUST AND CLEAR

The impact-resistant and chemical-resistant rubber housing meets the requirements of IP 68 so that the devices can be exposed to spray water. A stable and rotating alligator clip ensures secure fastening to the clothing of the worker. Hi-Vis coloured (yellow for H<sub>2</sub>S) overlays help distinguish the gases monitored from a distance.

### UNAMBIGUOUS RESULTS

The devices are easy to use with one hand even when wearing gloves and they continuously provide clear and unambiguous results. The large numeric LCD display is designed without text and has a backlight that ensures good readability even in the dark.

In addition to vibration and acoustic multitone alarms, the instruments emit an optical alarm signal clearly visible from any direction; the LEDs at the top and bottom of the unit flash brightly.

### ADVANCED TECHNOLOGY

Equipped with the latest Dräger XXS miniature sensor technology, the Dräger Pac series represents excellence in the field of gas detection. The devices are extremely durable, highly responsive, and have a variety of features for capturing events including the ability to adjust the frequency of functional tests and calibrations individually.

### SAFETY FIRST

Maximum safety is ensured even when the device is carried in a pocket or a gas input is accidentally covered. The clever positioning of the sensor allows safe measurements both from above and in front of the device.



D-440-2009

Dräger Pac® 3500



D-537-2009

Dräger Pac® 5500



D-16625-2009

Dräger Pac® 7000

## Key features of the Pac series



### DRÄGER PAC 3500

- Measures carbon monoxide, hydrogen sulphide, or oxygen
- Service life of 2 years
- Event logger for up to 60 events
- Warranty of 2 years
- Rapid functional tests on site



### DRÄGER PAC 5500

All advantages of the Dräger Pac 3500 plus:

- No limit to the service life of the device
- Service:
  - Easy to replace batteries and sensors
  - Replaceable dust and water filters
- Estimated sensor service life of 5 - 8 years



### DRÄGER PAC 7000

All advantages of the Dräger Pac 5500 plus:

- Measures carbon dioxide, sulphur dioxide, chlorine, hydrogen cyanide, ammonia, nitrogen dioxide, nitric oxide, phosphine, or organic vapours
- Optional 5 year warranty\* for the H<sub>2</sub>S, O<sub>2</sub>, and CO devices
- Data logger for storage of gas concentrations and events with date and time (120 hours at 1 record per minute)
- Configurable TWA and STEL alarms
- Recording maximum concentrations
- Automatic function test option

### TESTS FOR YOUR SAFETY

The international guidelines OSHA – ISEA, IEC 60079-29-2, DIN EN60079-29-2 and BGI 836 testing of gas detection and warning devices function tests and a known concentration of gas in certain specified intervals is required.

These tests not only check whether the gas to be measured reaches the sensor through the dust and water filter, they also test whether it is correctly calibrated and the alarms are set correctly and working properly.

The Pac series devices feature individually adjustable functional tests and calibration intervals. A warning symbol indicates when a functional test or calibration is required.

Depending on the application, the functional test and calibration may have to be carried out daily if the test was not completed successfully.

If the test is not carried out or if it fails, the device can automatically display an error message to inform the user that the device is not operational.

## DRÄGER BUMP TEST STATION

The Dräger bump test station is available for the Dräger Pac series devices to carry out the functional tests quickly, easily and without a PC or additional power source.



D-47866-2012

## CALIBRATION MADE EASY

Dräger X-dock® gives you full control over your Dräger portable gas detection instruments when regularly using a large number of Pac devices. Automatic bump tests and calibrations with reduced test gas consumption and short test duration save time and money. Extensive documentation and reports keep track of data.



D-47894-2012

## ORDER INFORMATION

### Dräger Pac® 3500

Description	Measuring range	Alarm threshold A1/A2 (standard)	Resolution	Response time	Order number
Dräger Pac® 3500 CO <sup>1)</sup>	0 – 500 ppm	30/60 ppm	1 ppm	15 sec.	83 22 000
Dräger Pac® 3500 CO	0 – 500 ppm	Customer request	1 ppm	15 sec.	83 22 001
Dräger Pac® 3500 H <sub>2</sub> S <sup>1)</sup>	0 – 100 ppm	5/10 ppm	0.1 ppm	15 sec.	83 22 002
Dräger Pac® 3500 H <sub>2</sub> S	0 – 100 ppm	Customer request	0.1 ppm	15 sec.	83 22 003
Dräger Pac® 3500 O <sub>2</sub> <sup>1)</sup>	0 – 25 Vol.-%	19/23 Vol.-%	0.1 Vol.-%	10 sec.	83 22 004
Dräger Pac® 3500 O <sub>2</sub>	0 – 25 Vol.-%	Customer request	0.1 Vol.-%	10 sec.	83 22 005

Yellow coloured overlays for H<sub>2</sub>S devices

83 20 978

Blue coloured overlays for O<sub>2</sub> devices

83 20 977

### Dräger Pac® 5500

Description	Measuring range	Alarm threshold A1/A2 (standard)	Resolution	Response time	Order number
Dräger Pac® 5500 CO <sup>1)</sup>	0 – 500 ppm	30/60 ppm	1 ppm	15 sec.	83 22 008
Dräger Pac® 5500 CO	0 – 500 ppm	Customer request	1 ppm	15 sec.	83 22 009
Dräger Pac® 5500 H <sub>2</sub> S <sup>1)</sup>	0 – 100 ppm	5/10 ppm	0.1 ppm	15 sec.	83 22 010
Dräger Pac® 5500 H <sub>2</sub> S	0 – 100 ppm	Customer request	0.1 ppm	15 sec.	83 22 011
Dräger Pac® 5500 O <sub>2</sub> <sup>1)</sup>	0 – 25 Vol.-%	19/23 Vol.-%	0.1 Vol.-%	10 sec.	83 22 012
Dräger Pac® 5500 O <sub>2</sub>	0 – 25 Vol.-%	Customer request	0.1 Vol.-%	10 sec.	83 22 013

Yellow coloured overlays for H<sub>2</sub>S devices

83 20 997

Blue coloured overlays for O<sub>2</sub> devices

83 20 996

### Dräger Pac® 7000

Description	Measuring range	Alarm threshold A1/A2 (standard)	Resolution	Response time	Order number
Dräger Pac® 7000 H <sub>2</sub> S <sup>1)</sup>	0 – 100 ppm	5/10 ppm	1 ppm	15 sec.	83 18 674
Dräger Pac® 7000 H <sub>2</sub> S <sup>2)</sup>	0 – 100 ppm	10/20 ppm	1 ppm	15 sec.	83 18 971
Dräger Pac® 7000 H <sub>2</sub> S	0 – 100 ppm	Customer request	1 ppm	15 sec.	83 18 677
Dräger Pac® 7000 H <sub>2</sub> S	0 – 100 ppm	Customer request	0.1 ppm	15 sec.	83 21 004
Dräger Pac® 7000 O <sub>2</sub> <sup>1)</sup>	0 – 25 Vol.-%	19/23 Vol.-%	0.1 Vol.-%	10 sec.	83 18 675
Dräger Pac® 7000 O <sub>2</sub> <sup>2)</sup>	0 – 25 Vol.-%	19.5/23.5 Vol.-%	0.1 Vol.-%	10 sec.	83 18 972
Dräger Pac® 7000 O <sub>2</sub>	0 – 25 Vol.-%	Customer request	0.1 Vol.-%	10 sec.	83 18 678
Dräger Pac® 7000 CO <sup>1)</sup>	0 – 1999 ppm	30/60 ppm	1 ppm	15 sec.	83 18 673
Dräger Pac® 7000 CO <sup>2)</sup>	0 – 1999 ppm	35/50 ppm	1 ppm	15 sec.	83 18 970
Dräger Pac® 7000 Cl <sub>2</sub>	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	15 sec.	83 18 973

<sup>1)</sup> Standard configuration Europe

<sup>2)</sup> Standard configuration North America

## ORDER INFORMATION CONTINUED

Dräger Pac® 7000 NH <sub>3</sub>	0 – 300 ppm	Customer request	1 ppm	20 sec.	83 18 979
Dräger Pac® 7000 NO <sub>2</sub>	0 – 50 ppm	Customer request	0.1 ppm	15 sec.	83 18 977
Dräger Pac® 7000 NO	0 – 200 ppm	Customer request	1 ppm	15 sec.	83 21 263
Dräger Pac® 7000 PH <sub>3</sub>	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	100 sec.	83 21 006
Dräger Pac® 7000 OV-A	0 – 200 ppm	Customer request	1 ppm	100 sec.	83 21 007

### 5-year warranty (excl. filter and battery)

Dräger Pac® 7000 5Y H <sub>2</sub> S	0 – 100 ppm	Customer request	1 ppm	15 sec.	83 21 032
Dräger Pac® 7000 5Y O <sub>2</sub>	0 – 25 Vol.-%	Customer request	0.1 Vol.-%	10 sec.	83 21 033
Dräger Pac® 7000 5Y CO	0 – 1999 ppm	Customer request	1 ppm	15 sec.	83 21 031

### ACCESSORIES FOR THE DRÄGER PAC SERIES

Leather carrying case	45 43 822
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### Communication accessories

Dräger CC-Vision Basic, free at <a href="http://www.draeger.com">www.draeger.com</a>	
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.)	45 43 836

\*on the electronics, with the exception of the battery

### CORPORATE HEADQUARTERS

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