

# Dräger Pac<sup>®</sup> 1000 CO, H<sub>2</sub>S, O<sub>2</sub>



ST-6064-2004

For short-term projects such as shut down activities, the Dräger Pac 1000 is available. This maintenance-free instrument guarantees the reliable monitoring of ambient air and provides a fast warning against harmful concentrations of carbon monoxide, hydrogen sulphide, or oxygen.

### 100 days operation time

Without replacing the battery or the sensor, the Dräger Pac 1000 can be used maintenance-free for over 100 days. By using only two buttons, this instrument offers an easy operation. The intuitive language-free, large, and back-lit display provides a clear read out of the concentration during an alarm.

### Small and robust

The instrument housing is covered with rubber and meets the requirements of IP 65. The small and ergonomic instrument is equipped with an alligator clip in order to securely fasten the unit to the user.

### Distinct alarms

The instrument offers the possibility to set two alarm points. In addition to the two-tone audible alarm, a vibrating, and optical alarm warn the user against harmful concentrations. Before the end of the instrument's useable life and in case of an instrument error, a warning will also occur.

### New DrägerSensors XXS

Dräger Pac 1000 is equipped with the new DrägerSensors XXS. They react rapidly and indicate immediately harmful gas concentrations.

### Bump test mode

The adjustable bump test mode offers the user a notice icon in the display, which informs the user that he should perform the necessary function test. A Bump Test Station is also available.

### Calibration and configuration

For individual configuration, calibration, and adjustment of the bump test mode, the instrument can be connected using the connecting cradle to a PC with the installed software Pac Vision or CC-Vision. Naturally several instruments can be configured and calibrated at the same time. For this, the Dräger E-Cal System is available.

For more information, please visit us at [www.draeger-safety.com/pac](http://www.draeger-safety.com/pac)



ST-181-2005

**Dräger Pac 1000:**  
Handy, reliable with large display.

## TECHNICAL DATA

Dimensions (H x W x D)	64 x 84 x 20 (battery compartment: 25) mm (25 x 3.3 x 0.8 battery compartment: 1 in.)	
Weight	106 g	
Ambient conditions	Temperature	-30 to 50 °C (-20 to 120 °F)
	Pressure	700 to 1300 hPa
	Humidity	10 to 90 % r. F.
Ingress protection	IP 65	
Display	Language-free LCD display, gives an indication of gas to be measured, the actual concentration during alarm, operation time, notice and warning functions	
Operating time (typical at 25 °C)	100 days	
Acoustic alarm	Two-tone-alarm, typical > 90 dB (A) at a distance of 30 cm (1 ft)	
Approvals	CE-Sign	(89/336/EEC, 94/9/EC)
	ATEX	I/II M 1/2 G EEx ia IIC, T4
	UL	Class I, II Div 1, Group A, B, C, D, E, F, G, Temp. Code T4
	cUL	Class I, II Div 1, Group A, B, C, D, E, F, G, Temp. Code T4

## ORDER INFORMATION

Description	Measuring Range	Alarm Threshold A 1	Alarm Threshold A	Order Code
Dräger Pac 1000 CO	0 to 1000 ppm	30 ppm	60 ppm	83 18 610
Dräger Pac 1000 CO	0 to 1000 ppm	35 ppm	50 ppm	45 43 858
Dräger Pac 1000 CO	0 to 1000 ppm	customer request		83 18 613
Dräger Pac 1000 H <sub>2</sub> S	0 to 100 ppm	10 ppm	20 ppm	83 18 611
Dräger Pac 1000 H <sub>2</sub> S	0 to 100 ppm	10 ppm	20 ppm	45 43 859
Dräger Pac 1000 H <sub>2</sub> S	0 to 100 ppm	customer request		83 18 614
Dräger Pac 1000 O <sub>2</sub>	0 to 25 Vol.-%	19 Vol.-%	23 Vol.-%	83 18 612
Dräger Pac 1000 O <sub>2</sub>	0 to 25 Vol.-%	19.5 Vol.-%	23.5 Vol.-%	45 43 860
Dräger Pac 1000 O <sub>2</sub>	0 to 25 Vol.-%	customer request		83 18 615

## ACCESSORIES

Connecting Cradle, with USB cable and Pac Vision software	83 18 587	┌	┐
Dust and water filter	45 43 836		
Leather carrying case	45 43 822		
Bump Test Station, with test gas cylinder 58 L (gas Type on customer request)	83 18 586		
E-Cal instrument module for connection to a	83 18 589		
E-Cal Master Station or to Module Adapter		└	┘

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