

# Dräger Pac<sup>®</sup> 3000

## CO, H<sub>2</sub>S, O<sub>2</sub>



ST-5608-2004

Personal Monitoring in work places with Dräger Pac 3000, the innovative single gas instrument, ensures reliable monitoring of ambient air and fast warnings against harmful concentrations of carbon monoxide, hydrogen sulphide or oxygen.

Dräger Pac 3000 can be used for over 2 years maintenance-free.

#### Small and robust

The small and ergonomic instrument is covered with a rubber housing and meets the requirements of IP 65. Size and weight of Dräger Pac 5000 are perfect for personal monitoring. An alligator clip provides secure attachment of the unit to the wearer.

#### Easy to use

The two-button-operation is intuitive and can be locked to avoid misuse. An easy to change lithium battery powers the instrument. The IR interface means configuration and calibrations are easy to perform.

#### Display

The large and language-free display indicates the actual concentration during alarm, notice and warning functions, and the remaining operating time. The display has a strong backlight.

#### New sensor technology

The new Dräger XXS sensors react rapidly using very fast electro-chemical reaction times and a very short diffusion path.

#### Bump test mode

The instrument is equipped with a bump test mode. The bump test adjustments are activated using the PC software, Pac

Vision or CC Vision. The bump test can be performed manually or automatically. A Bump Test Station is available. If the bump test is required a notice will be indicated in the display. The bump test period can be adjusted by the user.

#### Adjustable operating timer

With this function an individual operating period in days can be set, e. g. to adjust a "calibration due date", an "inspection due date", or a special "out of order date". The adjustment can be done by PC with installed software Pac Vision or CC Vision.

#### Alarm- / warning functions

The instrument is equipped with a vibrating alarm, an acoustic alarm and optical alarm. For optimal alarm notification, a two-tone-alarm is used. Additionally, before the end of the instrument's useful life and before the end of the battery capacity, a warning will also occur. Depending on the selected configuration the pre- or main-alarm can be acknowledged.

#### Calibration and configuration

For calibration or individual configuration of all functions, the Dräger Pac 3000 is connected to a PC using the connecting cradle or the E-Cal System.

For more information see [www.draeger-safety.com/pac](http://www.draeger-safety.com/pac)



ST-5022-2003

**Dräger Pac 3000:**  
Handy, reliable with large display.

## TECHNICAL DATA

Dimensions (H x W x D)	64 x 84 x 20 (battery compartment: 25) mm (2.5 x 3.3 x 0.8 in., battery compartment: 1 in.)		
Weight	106 g (3.8 oz.)		
Ambient conditions	Temperature	-30 to 50 °C (-20 to 120 °F)	
	Pressure	700 to 1,300 hPa	
	Humidity	10 to 90 % r. h.	
Ingress protection	IP 65		
Display	Language-free LCD display, indication of gas type to be measured, actual concentration during alarm, operating time, notice and warning functions		
Operating time (typical at 25 °C)	2 years		
Battery life (typical at 25 °C, 24 hours per day, 1 minute alarm per day)	CO, H <sub>2</sub> S:	> 10,400 hours	
	O <sub>2</sub>	> 3,600 hours	
Acoustic alarm	Two-Tone-Alarm, typical > 90 dB (A), at a distance of 30 cm		
Approvals	CE-Sign	(89/336/EEC, 94/9/EC)	
	ATEX	I/II 1/2 G EEx ia I/IIC, T4	
	UL	Class I, 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 3000 CO	0 to 500 ppm	30 ppm	60 ppm	83 18 630
Dräger Pac 3000 CO	0 to 500 ppm	35 ppm	50 ppm	45 43 840
Dräger Pac 3000 CO	0 to 500 ppm	on customer request		83 18 633
Dräger Pac 3000 H <sub>2</sub> S	0 to 100 ppm	10 ppm	20 ppm	83 18 631
Dräger Pac 3000 H <sub>2</sub> S	0 to 100 ppm	10 ppm	20 ppm	45 43 841
Dräger Pac 3000 H <sub>2</sub> S	0 to 100 ppm	on customer request		83 18 634
Dräger Pac 3000 O <sub>2</sub>	0 to 25 Vol.-%	19 Vol.-%	23 Vol.-%	83 18 632
Dräger Pac 3000 O <sub>2</sub>	0 to 25 Vol.-%	19.5 Vol.-%	23.5 Vol.-%	45 43 842
Dräger Pac 3000 O <sub>2</sub>	0 to 25 Vol.-%	on customer request		83 18 635

## ACCESSORIES

Connecting Cradle, with USB cable, Pac Vision software	83 18 587
Lithium battery	45 43 808
Dust- and water filter	45 43 836
Leather carrying case	45 43 822
Bump Test Station, with test gas, 58 L (gas type on customer request)	83 18 586
E-Cal Module Dräger Pac 3000/5000	83 18 589

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