

Dräger Pac[®] 3000 CO, H₂S, O₂



ST-5608-2004

Personal Monitoring 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.

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

Small and Rugged

This small, ergonomic instrument has a shock resistant, integral rubber housing which also provides superior dust and water resistance. It is the perfect size and weight for personal monitoring, especially in the breathing zone. The alligator style Grip-clip provides secure attachment anywhere.

Easy to Use

Intuitive two-button operation makes using Pac 3000 simple: one button on, two buttons off, run if it beeps. Optional configuration puts the unit in constant on mode to prevent inadvertent shut down. If required, the lithium alkaline battery is widely available and easily replaced.

Display

The readings are shown in large numerals on the high contrast LCD display. Gas type is shown until an alarm level is reached at which the unit shows gas concentrations and warning icons to provide more information to the user. The backlight is available on demand and auto lights in alarm.

New Sensor Technology

Draeger designed and builds the new XXS series of sensors specifically for this new line of small personal monitors. The sensor is very stable to reduce calibration requirements and has a very fast response to the target gas. The sensors have a two year warranty.

Bump Test Mode

Unique to Draeger, the new bump test mode can be activated by the customer

and allows them to set a periodic bump test requirement in the Pac 3000 to help ensure proper use of the unit. If activated, this mode will prompt the user to perform a bump test at a pre-selected interval, e.g., daily, weekly, monthly, etc. If the test is not performed, or if the Pac 3000 fails the function test, the unit will alarm and display dashes until the problem is corrected. Once a successful bump test is performed the unit will operate properly, providing increased worker safety. A Bump Test Station is available to expedite the testing process.

Alarm/Warning Functions

The instrument uses a strong vibrational alarm, a loud two-tone audible alarm and two bright red LED's to warn the user of dangerous levels of the target gas or other unsafe conditions such as unit end of life or low battery. An operating timer can be set to prompt the user to check on or return the instrument for inspection, calibration checks or other routine care.

PC Interface

The Pac 3000 has a simple IR interface to a PC using Draeger PacVision software to allow complete user control of the monitoring parameters and full documentation. This includes bump testing, calibration (if desired), configuration and other instrument management tasks. The Pac 3000 is also compatible with the Draeger E-Cal system for instrument management functions for more information: www.draeger-safety.com/pac



ST-5022-2003

Dräger Pac 3000
Rugged, reliable with a
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 (0.7 to 1.3 Atm.)
	Humidity	10 to 90 % r. h.
Ingress protection	IP 65 (dust-proof, water resistant)	
Display	Language-free LCD concentration display, indication of actual concentration, sensor 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 ₂ S	> 10,400 hours (416 days)
	O ₂	> 3,600 hours (150 days)
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, 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
	MSHA	Permissible

ORDERING INFORMATION

Description	Measuring Range	Alarm Threshold A2	Alarm Threshold A2	Order Code
Dräger Pac 3000 CO	0 to 500 ppm	35 ppm	50 ppm	45 43 840
Dräger Pac 3000 H ₂ S	0 to 100 ppm	10 ppm	20 ppm	45 43 841
Dräger Pac 3000 O ₂	0 to 25 Vol.-%	19.5 Vol.-%	23.5 Vol.-%	45 43 842

ACCESSORIES

Connecting Cradle, with USB cable, PacVision software	83 18 587
Lithium battery	45 43 808
Dust and water filter (4 per pkg)	45 43 836
Leather carrying case	45 43 822
Bump Test Station, for 58L or 103L gas cylinders	83 17 410
E-Cal Module Dräger Pac 3000/5000	83 18 589

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