

Dräger Multi-PID 2



ST-6030-2004

The Dräger Multi-PID 2 is the next generation of reliable photoionization detectors for volatile organic compounds (VOCs). Its innovative PID-technology combines high sensitivity and robustness with suitability for various applications like soil, water or jar headspace screening, leak detection and confined space measurements.



ST-8379-2006

Dräger Multi-PID 2:
Ideal for detecting VOCs at very low levels.

Wide Measuring Range

Equipped with a standard 10.6 eV UV-lamp the Dräger Multi-PID 2 covers a measuring range from 0 to 2,000 ppm. An optional dilution probe extends the measuring range up to 20,000 ppm.

Dedicated Calibration Key

Immediate access to the calibration functions is realized with a dedicated calibration key. This allows the user to perform a calibration without entering the main menu.

Extensive Gas Library

The built-in gas library holds up to 70 substances. Another 60 substances are identified and can be substituted in the library. For additional, customer specific compounds the response factor can be quantified by the Dräger own application laboratory.

Built-in Datalogger

An internal datalogger is included in the instrument. The software package „GasVision“ allows the easy evaluation of the measured data. The datalogging feature allows the operator to record 15,000 sampling points which can be downloaded to a PC.



ST-9273-2006

ST-9274-2006

Pre-filter tubes:
Specific Benzene measurements can be made.

Large Display

The backlit display with its large font is easy to read. All information is displayed on one screen. The language setting of the display and menu structure can be pre-set when ordering to English, German, French, Spanish or Italian.

Pre-filter tubes

The new PID equipment enables the use of pre-filter tubes. An easy to fit adapter quickly allows the tube to be fitted to the device. The unit can therefore specifically measure Benzene when this mode is activated or indicate high levels of humidity when the humidity pre-filter tube is fitted.

Various Warning Functions

The Dräger Multi-PID 2 is equipped with a loud audible alarm and a LED to warn if dangerous levels (e.g. peak, STEL or TWA) of substances are reached. Additionally, a pump and flow alarm are integrated in the instrument.

Worldwide Approvals

Dräger Multi-PID 2 can be used worldwide with these approvals: ATEX, MET and CE-mark.

TECHNICAL DATA

Photoionization Monitor for detecting volatile organic compounds in ambient air		
Size (H x W x D, max.)	230 x 110 x 80 mm, width at handle 67 mm; 9" x 4.25" x 3", width at handle 2.6"	
Weight (approx.)	860 g; 1.9 pounds	
Ambient conditions	Temperature	0 to + 40 °C, + 32 to + 105 °F
	Humidity	0 to 95 %RH, not condensing
Typical battery life	NiCd	8 hours, rechargeable battery
Audible alarm	≥ 80 dB (A) at a distance of 30 cm; 1ft.	
Approvals	ATEX	II 2G EEx ib IIC T4; 0 ≤ Ta ≤ + 40 °C
	MET	Class I, Div 1, Group A, B, C, D T4
	CE-mark	electromagnetic compatibility (directive 89/336/EEC)

ORDER INFORMATION

Dräger Multi-PID 2*	83 18 320
Charger USA, 110 V AC	64 05 428
Charger worldwide 110-230 V	83 17 661
Field Kit Case**	83 17 663
Carrying Case	83 17 664
Calibration Gas (100 ppm i-Butene)	68 10 687
Calibration Gas Regulator	83 10 688
Computer Cable Kit	83 17 667
Spare Battery Pack	83 17 670
11,7 eV Detector Lamp	83 18 307
12 V DC Car-Adapter	83 18 317
Pre-filter tube adapter	83 19 093
Benzene pre-filter tube	83 03 511
Humidity pre-filter tube	83 03 531

* Each instrument includes: 10.6 eV detector lamp, rechargeable battery, 17 cm (6.7") reinforced Teflon sample probe, wrist strap, multi-tool for lamp changing, user's manual, laminated user reference card, water/particle filters (10 pcs.)

** Field Kit Case includes: carrying case, calibration gas, calibration gas regulator, computer cable kit, spare battery pack

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