

Dräger X-am® 8000 Multi-Gas Detector

Clearance measurement was never this easy and convenient: The Dräger X-am® 8000 measures up to seven toxic as well as flammable gases, vapors and oxygen all at once — either in pump or diffusion mode. Innovative signaling design and handy assistant functions ensure complete safety throughout the process.

Switch easily between pump and diffusion mode

Impact detection informs you of severe mechanical stresses

Intuitive smart assistants for clearance measurement, leak detection, and benzene-specific testing with the PID (pre-tube)

Glowing green D-light indicates that the unit is tested and ready for use

Five slots for DrägerSensors® to measure up to seven gases, two new high-performance PID sensors

Easy-to-read color display with zoom function

Inductive charging for reduced maintenance



D-6491-2017

Details



Shoulder strap



Pump adapter



Pre-tube holder

At a Glance Features of the Dräger X-am® 8000

Features	Dräger X-am® 8000
Number of measuring gases	1 to 7
Internal pump, activated with pump adapter	Yes, optional
Inductive charging	Yes
Customer-specific settings when ordering	Yes
Shoulder strap included as standard	Yes
Catalytic bead sensor DrägerSensor CatEx 125 PR	Yes, configurable
Available electrochemical (EC) DrägerSensors: XXS O ₂ , XXS CO LC, XXS H ₂ S LC, XXS NO ₂ , XXS SO ₂	Yes, configurable
Electrochemical (EC) DrägerSensors: other sensors/special gases	Yes, configurable
Infrared (IR) DrägerSensors Dual IR Ex/CO ₂ , IR-Ex, IR-CO ₂	Yes, configurable
Photoionization detector (PID) DrägerSensors: PID HC, PID LC ppb	Yes, configurable
Automatic measurement range switching for the catalytic bead sensor, catalytic bead sensor, measuring gas: methane	Yes, configurable
Assistants: Confined Space, Leak Search, Benzene/Pre-Tube	Yes, only when a pump is installed
Event report (incl. shock detection)	Yes, configurable

Technical Data

Dimensions (H x W x D)	7.0 x 3.0 x 1.7 in (179 x 77 x 42 mm)	
Weight	Approx. 495 g (17.5 ounces), depending on sensor configuration, without strap, without pump	
	Approx. 550 g (19.4 ounces), depending on sensor configuration, without strap, with pump	
Housing	Durable two-component housing	
Display	High-contrast color display	
Temperature	-4° F to 122° F (-20° C to 50° C)	
Pressure	700 to 1,300 hPa	
Relative humidity	10 to 90% (short-term up to 95%) r.h.	
Alarms	Visual:	3 LED 'red' (gas alarms), 3 LED 'yellow' (device alarms)
	Acoustic	Multi-tone, typically 100 dB(A) at 30 cm
	Vibration	
Ingress protection class	IP 67	
Energy supply	Lithium-ion battery, rechargeable, inductive charging	
Operating times (Diffusion)	With CatEx and 3 EC sensors	Typically 24 hours
	With IR and 3 EC sensors	Typically 22 hours
	With 3 EC sensors	Typically 120 hours
	With CatEx, PID and 3 EC sensors	Typically 17 hours
	With IR, PID and 3 EC sensors	Typically 16 hours
	PID only	Typically 42 hours
Charging times	Typically 4 hours after use during a shift of max. 10 hours	
Start-up times	Typically <60 seconds for standard sensors	
Data storage	12 MB, e.g. at 10 minutes per hour of gas exposure with measuring values changing by the second on all 7 channels: approx. 210 hours	
Pump operation	Max. hose length 147.6 feet (45m)	
Approvals	ATEX / IECEx	I M1, II 1G Ex da ia I Ma, Ex da ia IIC T4 Ga Metrological approval pending
	cCSAus (Please contact Dräger regarding availability.)	Class I, Zone 0, AEx da ia IIC T4 Ga Class II, Div 1, Gr. E, F, G T4 C22.2 No. 152, ANSI-ISA 12.13.01:2000
	CE labelling	
	MED / DNV GL (Please contact Dräger regarding availability.)	
Warranty	3 years for the device	
	1 year for the power supply	
	Sensors: see DrägerSensor® & Portable Instruments Handbook	

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