

## Dräger X-am® 2500 Multi-Gas Monitor

Dräger's X-am® 2500 accurately detects O<sub>2</sub>, CO, NO<sub>2</sub>, SO<sub>2</sub> and H<sub>2</sub>S and is the only 1-4 gas monitor you need in industrial, mining and refinery applications. The X-am 2500 combines reliable sensor technology with long battery life and intuitive operation in an instrument that defines safety.



### MATRIX DISPLAY

The X-am 2500 has a large, easy to read, liquid-crystal display. All gas readings are shown simultaneously and resize automatically depending on the number of sensors installed. When a gas alarm occurs, the reading for the sensor in alarm will be highlighted and will alternate with the alarm level indication of A1 or A2.

### HIGH CAPACITY BATTERY

The Dräger X-am 2500 can operate for more than 12 hours with either alkaline batteries or with rechargeable NiMH batteries. Depending on the requirements, the batteries can be charged either in the workshop or in a vehicle. Operating time without an Ex sensor installed is typically more than 250 hours.

### X-DOCK COMPATIBILITY

The X-am 2500 is compatible with Dräger's X-dock testing and calibration station. X-dock is Dräger's new solution for efficient maintenance and comprehensive equipment management. Used for functional testing and complete documentation, X-dock can complete bump tests in 8 to 15 seconds with more than 40 % less gas consumption than competitive instruments. The X-am 2500 is also compatible with the Dräger Bump Test Station.

### LONG-LASTING, RELIABLE SENSOR TECHNOLOGY

The innovative, catalytic Ex sensor has a high degree of drift stability with a high resistance to silicone and hydrogen sulfide. The sensor boasts an expected service life of more than five years and is extremely sensitive to flammable gases and vapors. Further, the X-am 2500 is approved for measuring from methane to nonane, according to IEC/EN 60079-29-1.

### ZONE 0 APPROVED

The Dräger X-am 2500 has Ex approval for zone 0 for user safety in areas subject to explosion hazard. Additionally, it is not sensitive to electromagnetic radiation, e.g. from wireless devices and is water and dust resistant in accordance with protection class IP 67.



D-58025-2012

**Dräger X-am® 2500**  
Robust 1 to 4 gas detector for personal protection.

**DRÄGER X-AM 2500**

**Safe gas entry**  
Gas entry from 2 sides.

**Visual alarm**  
Alarm visible across 360°.

**Robust design**  
Water and dust resistant in acc. with IP 67.

**Crocodile clip**  
Secure attachment.

**Dräger sensors**  
Quick, precise, long service life.

**Large display**  
All values at a glance.



**DIFFUSION OR PUMP**

An optional external pump with a hose up to 98 ft long is available for use in tanks and shafts or when searching for leaks. The switch from diffusion to pump operation can be handled quickly and easily without tools or screws.

**ERGONOMIC AND ROBUST**

The Dräger X-am 2500 is comfortably worn thanks to its low weight and ergonomic

design and gas can enter the unit from above and from the front – even if the instrument is inside a pocket or if the front gas entry is accidentally covered.

The practical two button control panel and easy menu navigation allow for intuitive operation while the integrated protective rubber coating and sensors not sensitive to shock provide additional safety in case of impacts or vibrations.

**PEAK VALUE FUNCTIONALITY**

The X-am 2500 can store the highest gas readings for the Ex and toxic gas sensors and the lowest reading for the O<sub>2</sub> sensor. These readings can be easily reset after a gas exposure without having to turn the monitor off and on.



**Dräger X-am® 2500**  
with the optional Dräger X-dock testing and calibration station. Robust design  
Water and dust resistant in acc. with IP 67.



**Dräger X-am® 2500**  
Flexible with external pump for clearance measurements.



**Dräger X-am® 2500**  
Reliable personal protection, e.g. in confined space entry.

D-528864-2012

ST-9554-2007

ST-1094-2008

## ORDERING INFORMATION

<b>X-AM® 2500 NIMH</b>	<b>ORDER NO.</b>
X-am® 2500 Ex/CO, NiMH w/charger kit	45 42 283
X-am® 2500 Ex/H <sub>2</sub> S, NiMH w/charger kit	45 42 285
X-am® 2500 Ex/O <sub>2</sub> /CO/H <sub>2</sub> S, NiMH w/charger kit	45 42 261
X-am® 2500 Ex/O <sub>2</sub> /CO/NO <sub>2</sub> , NiMH w/charger kit	45 42 263
X-am® 2500 Ex/O <sub>2</sub> /CO, NiMH w/charger kit	45 42 265
X-am® 2500 Ex/O <sub>2</sub> /H <sub>2</sub> S, NiMH w/charger kit	45 42 267
X-am® 2500 Ex/O <sub>2</sub> , NiMH w/charger kit	45 42 269
X-am® 2500 O <sub>2</sub> /CO/H <sub>2</sub> S-LC NiMH w/charger kit	45 42 273
X-am® 2500 Ex, NiMH w/charger kit	45 42 271
X-am® 2500 O <sub>2</sub> /CO NiMH w/charger kit	45 42 275
X-am® 2500 O <sub>2</sub> /H <sub>2</sub> S-LC NiMH w/charger kit	45 42 277
X-am® 2500 Ex/O <sub>2</sub> /H <sub>2</sub> S-LC/SO <sub>2</sub> NiMH w/charger kit	45 42 279
<b>X-am® 2500 Alkaline</b>	
X-am® 2500 Ex/O <sub>2</sub> /CO/H <sub>2</sub> S, Alkaline Battery Pack	45 42 262
X-am® 2500 Ex/O <sub>2</sub> /CO/NO <sub>2</sub> , Alkaline	45 42 264
X-am® 2500 Ex/O <sub>2</sub> /CO, Alkaline Battery Pack	45 42 266
X-am® 2500 Ex/O <sub>2</sub> /H <sub>2</sub> S, Alkaline Battery Pack	45 42 268
X-am® 2500 Ex/O <sub>2</sub> , Alkaline Battery Pack	45 42 270
X-am® 2500 Ex, Alkaline Battery Pack	45 42 272
X-am® 2500 O <sub>2</sub> /CO/H <sub>2</sub> S-LC Alkaline	45 42 274
X-am® 2500 O <sub>2</sub> /CO Alkaline	45 42 276
X-am® 2500 O <sub>2</sub> /H <sub>2</sub> S-LC Alkaline	45 42 278
X-am® 2500 Ex/O <sub>2</sub> /H <sub>2</sub> S-LC/SO <sub>2</sub> Alkaline	45 42 280
X-am® 2500 CO/H <sub>2</sub> S, Alkaline Battery Pack	45 42 282
X-am® 2500 Ex/H <sub>2</sub> S, Alkaline Battery Pack	45 42 286
X-am® 2500 Ex/CO, Alkaline Battery Pack	45 42 284
<b>Power Supply Units</b>	
NiMH Battery Pack, X-am 1/2/5000	83 18 704
Battery Holder, Alkaline, 2 "AA"	83 18 703
AA Alkaline Battery (2 req'd)	45 88 195
NiMH Battery Kit	83 18 785
NiMH HC power pack T4	83 22 244
Alkaline power pack (w/o batteries)	83 22 237
NiMH HC power pack T4 with charging module and PSU (complete set)	83 22 785
<b>Charging Accessories</b>	
Battery Charge Cradle	83 18 639
Charging kit consisting of a charging module and a single charger (worldwide)	83 20 333
Power Supply, Vehicle Adapter, 12 vdc	45 30 057
Power Supply for up to 2 Charge Cradles	83 15 635
Power Supply for up to 5 Charge Cradles	83 16 994
Power Supply for up to 20 Charge Cradles	83 15 805
Battery Charger Vehicle Mounting kit	83 18 779
Replacement Vehicle Mount Strap X-am® 1/2/5000 Series	83 18 788
Replacement Vehicle Mount Strap X-am® 1/2/5000 Series – US Version	45 43 938
<b>Pump Accessories</b>	
Remote Sampling Pump, X-am® 1/2/5000	83 19 400
X-am® 2500 Confined Space Kit for Ex, O <sub>2</sub> , CO and H <sub>2</sub> S	45 42 260
Confined Space Entry Set for X-am® 1/2/5000 Pump	45 43 760
Dust/Water Stop Filter for 8319400 Pump	45 43 759
Kit, pump inlet w/nut, X-am® 1-2-5000 Spare	45 94 854
PX2 pump for X-am 125	45 43 982
Hand Pump Kit with 10 ft (3 m) Tygon Tubing	45 94 585
Water Trap, Dust/Mist Filter for Hand Pump Kit	45 23 078
Telescopic Probe, 4.5 feet	45 10 546
Telescopic Probe, 6.5 feet	45 10 545

**Pump Accessories**

12" Clear Plastic Sample Probe	45 11 262
Sample Probe Replacement Filters for 4511262	45 11 290
Float Probe (w/out hose)	68 02 337
Float Probe Set hydrogen sulfide-resistant, 5 M (16.4 FT )	83 18 371
Sampling Hose, Tygon (per foot) (not recommended for reactive gases)	45 94 707
Sampling Hose, Reactive Gas, PTFE-Lined (per foot)	45 94 679

**Calibration Accessories**

Bump Test Station, X-am® 1/2/5000 w/o gas cylinder	83 19 131
Dräger X-dock 5300 for Dräger X-am 1/2/5000	83 21 880
Other Versions of Dräger X-dock	By Request
50 % LEL CH <sub>4</sub> , 100 ppm CO, 25 ppm H <sub>2</sub> S, 17 Vol.-% O <sub>2</sub>	45 94 655
Calibration/PC Communication Cradle w/o USB-IR Interface	83 18 752

**Communication Accessories**

GasVision Software	83 14 034
Dräger CC-Vision	Freeware
DIRA III and USB Communications Cable	83 17 409
Cat Ex 125 PR Combustible Gas Sensor	68 12 950
XXS O <sub>2</sub> Sensor	68 10 881
XXS CO Sensor	68 10 882
XXS H <sub>2</sub> S LC Sensor	68 11 525
XXS NO <sub>2</sub> Sensor	68 10 884
XXS SO <sub>2</sub> Sensor	68 10 885

**Carrying Accessories**

Deluxe Instrument Case, X-am® 1/2/5000	45 43 755
Deluxe Instrument / Pump Case, X-am® 1/2/5000	45 43 935
Nylon Transport Case (Soft-Side Case)	45 94 631
Molded Plastic Carry Case for Pump and Accessories	83 19 385
Protective Rubber Boot X-am® 1/2/5000	83 21 506
Replacement Grip Clip w/screw	83 18 186

**Spare Parts**

Spare front cover X-am® 2500	83 23 921
Keypad overlay X-am® 2500	83 23 923

**CORPORATE HEADQUARTERS**

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