

THE WEARABLE, SINGLE-GAS DETECTOR FOR HF, HCL, H₂O₂ OR HYDRAZINE.

Whether you're working in the petrochemical industry, preparing aseptic packaging, applying corrosion protection to water cooling systems, or working in the space field, you're sure to be safe with the X-am 5100 and Dräger's proven detection technology.

The X-am 5100 detector continuously and reliably measures hydrofluoric acid (HF), hydrochloric acid (HCl), hydrogen peroxide (H₂O₂) or hydrazine. The device has a special design, with direct gas entry to ensure the sensors react quickly. It emits three types of alarm: visual (360°), audible (multi-tone) and vibratory.



TECHNICAL DATA

- Size:** 1.89 x 5.12 x 2.4 in. / 4.8 x 13.0 x 6.1 cm
- Weight:** 7.8-8.8 oz (220-250 g)
- Temperature:** -4 to +122 °F / -20 to +50 °C
- Pressure:** 700 to 1,300 mbar
- Humidity:** 10 to 90% relative humidity
- Alarms:** Visual (360°), Audible (90dB) and Vibration alarms
- Datalogger:**
Can be read out via infrared interface
>1,000 hrs at a recording interval of 1 value per minute
- Operating time:** ± 150 hrs charging times in 4 hrs
- Protection Class:** IP54
- Approvals:**
ATEX I MI Ex ia I Ma, II 1G Ex ia IIC T4/T3 Ga,
-20 °C ≤ Ta ≤ +55 /40 °C
IECEX Ex ia I Ma, Ex ia IIC T4/T3 Ga, -20 °C ≤ Ta ≤ +55 /40 °C
CE mark :
Electromagnetic compatibility - Directive 2014/30/EU
Explosion protection - Directive 2014/34/EU
- Warranty:** 2 years (instrument) - 1 year (sensors)



COMPATIBLE WITH THE X-ZONE 5500 AREA MONITOR

The X-Zone 5500 transforms the X-am 5100 gas detector - initially designed as a personal safety device – into an area monitor.



SENSOR SPECIFICATION

Gas	Measuring Range	Resolution	Standard Sensor cells
HF	0-30 ppm	0.1 ppm	HCl
HCl	0-30 ppm	0.1 ppm	HCl
HNO ₃	0-30 ppm	0.1 ppm	HCl
HBr	0-30 ppm	0.1 ppm	HCl
PCl ₃	0-30 ppm	0.1 ppm	HCl
POCl ₃	0-30 ppm	0.1 ppm	HCl
H ₂ O ₂	0-20 ppm	0.1 ppm	H ₂ O ₂
Hydrazine	0-3 ppm	0.01 ppm	N ₂ H ₄

The special device design with direct gas entry ensures that the sensors react quickly. Plus, the device provides precise measurement data by avoiding gas adsorption in the device housing.

ACCESSORIES



RECHARGEABLE BATTERY AND CHARGING TECHNOLOGY SET



VEHICLE CHARGER MOUNTING KIT FOR A DRÄGER X-AM 1/2/5X00 CHARGING MODULE