



GAS-PRO TK

GAS DETECTION SOLUTIONS ↓



Gas-Pro TK is a gas detection unit especially designed for tankers. It is made for use in inert environments where standard gas detectors just won't work. Gas-Pro TK overcomes this due to its dual infra-red sensors. One common hydrocarbon detection method is pellistor sensors. However, these sensors require the presence of oxygen to work, and if hydrocarbon levels get too high it can compromise the sensors' effectiveness. Gas-Pro TK meets these unique challenges with its dual infra-red sensors and ability to check tanks both full of hydrocarbon and fully purged with inert gas.

A gas detection unit is a vital piece of equipment for crew members entering any enclosed space and tanks. The SOLAS XI-1/7 regulation requires all ships engaged in international voyages to have a minimum of one portable 4-gas detection unit onboard.

FEATURES

- MEASURES 4 GASES WITH THE OPTION TO INCREASE TO 5
- CAN PUMP WITH UP TO 30 METERS SAMPLING HOSE
- MEASURES ANY MIXTURES WITH OXYGEN IN THE TANK, DOWN TO ZERO OXYGEN PRESENT, DUE TO IR SENSOR
- FULL DATA/EVENT LOGGING FOR RECORD KEEPING
- ROBUST UNIT FOR HARSH ENVIRONMENTS
- ONE BUTTON FOR EASE OF USE
- TOP MOUNT DISPLAY FOR QUICK DECISION MAKING
- CLEAR DISPLAY WITH DUAL COLOUR BACKLIGHT
- FRONT, TOP AND SIDE VISIBLE ALARM WINDOWS
- FOUR SENSOR APERTURES
- LARGE RESONANT SOUND CAVITY FOR ULTRA-LOUD AUDIBLE ALARM
- EASY SOLUTIONS FOR BUMP TESTS



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TECHNICAL DATA

Gases Measured	Oxygen, Flammable gases or vapours, Hydrogen Sulphide and Carbon Monoxide according to SOLAS requirement. Other gases are optional.
Durability	Drop from 4 m and tested to IP65 and IP67
Battery	Li-Ion
Battery Life	13 h
Recharge Time	7.5 h
Display	Top mounted, Backlit
Alarm	Audible >95 db
Alarm Light	Red / Blue
Vibrate Alert	Yes
Size H x W x D	130 mm x 84 mm x 43 mm
Weight	340 g

Self-Service Kit

Product Number	Product Name
778962	Gas-Pro TK Service Offer

PACKAGE WITH SOFTWARE LICENCE

The Gas-Pro TK electrically pumped unit can be delivered with a 3 year self service kit, including calibration software licence, training package and USB communication cable.

For calibration, Gas-Pro TK needs calibration gas with 100 % flammable gas (Butane or Methane) in addition to the 4-Mix gas.

INCLUDED IN 778962

These components are included in the kit

- Gas-Pro Calibration flow plate for PC Calibration
- T4 calibration/bump test plate
- USB communications lead
- Gas-Pro Service software package
- Portables Pro 2.0 Service Licence

Ordering Information

PRODUCTS

Product Number	Product Name
731508	Gas-Pro TK IR with built in pump Methane O ₂ , CO, H ₂ S
731504	GAS-Pro TK IR with built in pump Butane O ₂ , CO, H ₂ S

Included in 731508 and in 731504

- 778944 Pumped flow plate, also for bump test, not calibration
- 778950 Power cable (Charging lead)
- 778952 Gas-Pro Multi Region Power Supply
- Declaration of Conformity
- Calibration report
- Quick start guide
- CD Containing operation manual

You will also need suction hose for pre-entry checking, span gas cylinder with four gas mixture, pure flammable gas and regulator valve

Accessories

Product Number	Product Name
620013	Regulator for 34 L span gas cylinder (Stainless steel)
742951	Gas 34 L disposable 4-MIX 100 ppm CO, 15 ppm H ₂ S, 2.2% CH ₄ , 18% O ₂
778946	Gas-Pro Charging Cradle (No power, need power supply)
656835	1 m standard hose (includes tube insert)
656819	10 m standard hose (includes tube insert)
656827	20 m standard hose (includes tube insert)
778942	30 m standard hose (includes tube insert)
778948	Gas Pro and T4 USB Cable
778980	Calibration Flow Plate for PC Calibration for Gas-Pro TK and Gas-Pro (no magnet)

Spares

PRODUCTS

Product Number	Product Name
778938	Elbow Tube Insert (connection from tube to flow plate) 10 Pieces
778944	Pumped Flow Plate for Gas-Pro and Gas-Pro TK
778950	Power Cable (Charging lead)
778952	Gas-Pro Multi Region Power Supply
778954	Gas-Pro Multi Region Power Lead (includes 778950 and 778952)

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BE SOLAS XI-1/7 COMPLIANT AND BEYOND WITH SURVITEC

Survitec service stations are trained and authorised for servicing and for calibrating the instruments. For onboard bump test and calibration, the optional three-year self-service kit makes this easy. By using this, you

- Easily do regular bump test, using a computer
- Manage and monitor recertification needs yourself, you just need to nominate a crew for training and approval
- Avoid sending the units ashore for calibration
- Are always compliant, no port state control concerns
- Know that the instrument is safe for the crew to use
- Survitec service stations, trained and authorised for servicing the instruments

APPROVALS

MED, EMC Directive 2014/30/EU,
ATEX, EMC, IECEx, UL, INMETRO

SETTING THE GLOBAL STANDARD FOR OVER 160 YEARS

Protecting over 1 million lives across the globe every day, our critical safety and survival solutions help marine, aviation, offshore, and defence personnel get home safely if the worst happens.

Taking responsibility for the entire product lifecycle – from precision engineering and R&D, to manufacturing and servicing – we never compromise when it comes to safety and survival. Committed to protecting lives, we know the small things matter.



GET IN TOUCH

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