survitec

T4

GAS DETECTION SOLUTIONS

A gas detection unit is a vital piece of equipment for crew members entering any enclosed space or tank. 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.

The T4 Gas Detection Unit offers compliance, robustness and low cost of ownership in a simple to use solution. A large single button and intuitive menu system allows the user to operate the unit even when wearing gloves.

A special feature with the T4 is the TWA resume, which means it measures the accumulated time weighted average exposure for gas over an entire shift, even if the instrument is switched on and off. In case of accidents such recorded information will assist in investigations.

Additionally, the T4 unit ensures durability by design and includes an integrated rubber boot as standard. An optional clip-on filter cover, which is easily removed and replaced, ensures sensors are protected in the dirtiest environments.

A hand-pump can be used for pre-entry checking, with up to 20 m sampling hose

When it comes to gas detection the vessel will always be regulation compliant.

FEATURES

- INTEGRAL RUBBER BOOT EXTREMELY RUGGED
- LIGHT WEIGHT
- SIMPLE ONE BUTTON OPERATION
- VISUAL, AUDIBLE AND VIBRATING ALARM
- 4 SENSORS FOR 4 GASES
- UNIT BUILTIN PREVENTION FOR OVEREXPOSURE TO TOXIC GASES
- 24 HOUR RUN TIME 5.5 HOUR RECHARGE
- DATA & EVENT LOGGING
- CLEAR SCREEN WITH 180 FLIP FOR EASY VIEWING
- EASY SOLUTIONS FOR BUMP TEST AND CALIBRATION
- A HAND-PUMP CAN BE USED FOR PRE-ENTRY CHECKING, WITH UP TO 20 M SAMPLING HOSE

"

The T4 Gas Detection Unit offers compliance, robustness and low cost of ownership in a simple to use solution.

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	24 h
Recharge Time	5.5 h
Display	Front mounted, backlit, 180° flip
Alarm	Audible >95 db
Alarm Light	Red / Blue
Vibrate Alert	Yes
Size H x W x D	135 mm x 80 mm x 35 mm
Weight	282 g

Ordering Information

PRODUCTS	
Product Number	Product Name
778964	T4 4 Gas Detector with Sensor Guard
778984	20 m Hose and Handpump (T4 Aspirator Kit)

INCLUDED IN 778964

- 778982 T4 power supply for cradle charger (Multi Region Power supply unit)
- 778932 Charging cradle
- 778934 Bump/calibration plate
- 778976 Sensor filter plate
- Declaration of Conformity
- Calibration report
- Quick start guide

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

Accessories

PRODUCTS	
Product Number	Product Name
620013	Span Gas Cylinder Regulator Stainless Steel
742951	Cal gas disposable 4-Mix 100 ppm CO, 15 ppm H2S, 2.2% CH4, 18% O2
656843	Telescopic Aspirator Probe 1 M
656835	1 m standard hose (includes tube insert)
656819	10 m standard hose (includes tube insert)
656827	20 m standard hose (includes tube insert)
778948	Gas Pro and T4 USB Cable

Spares

PRODUCTS	
Product Number	Product Name
778956	T4 Sensor Replacement Kit
778940	Tube Insert (connection from tube to flow plate) 10 Pieces
778938	Elbow Tube Insert (connection from tube to flow plate) 10 Pieces
778936	T4 Hand Aspirator Bulb
778932	Charging Cradle for T4
778982	T4 Power supply for Cradle Charger
778934	Bump/Calibration Plate for T4
778976	Sensor Filter Plate for T4

PACKAGE WITH SOFTWARE LICENCE
The T4 unit can be delivered with a 3 year self service kit, including calibration software licence, training package and USB communication cable.

SELF-SERVICE KIT
778962 T4/Gas-Pro self-service offer

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

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
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.