



Application	<ul style="list-style-type: none"> • Detect oil and gas pipeline leaks with a completely integrated system designed for ROV integration. • Optional flow-through version with submersible pump for manipulator directed measurements. • Wide variety of sensors as optional add-ons. • Software with export option for integration into existing data acquisition systems.
Operational depth	max. 2000 m
Temperature	4°C to 15°C
Measuring range	CH4: 0,1 – 50 µmol/L ± 0.3 µmol/L PAH: 0 – 500 µg/L Temp: -4...+40 °C ± 0.1 °C Cond: 0 – 60 mS/cm ± 0.001 mS/cm Press: 0 – 4000 dbar ± 1 dbar
Reaction time	< 10 sec
Size	Standard configuration 520 x 170 x 200 mm ³
Weight	12.3 kg in air / 9.2 in sea water
Material	Titanium Grade 2 / Stainless Steel 1.4404
Pump	SEABIRD SBE 5T
Power supply	12 / 24 VDC @ 18W (max. 35 W on start-up)
Connector	SUBCONN [®] MCBH8-M-TI 8-pin SUBCONN [®] MCBH5-F-TI 5-pin.
Digital Output	EIA-232, Data format ASCII NMEA-0183
Data Output	19200, 8 data bits, no parity, 1 stop bit. No flow control
Software	DETECT™ Software Suite for graphical data visualization <ul style="list-style-type: none"> • Graphical display and interface to ROV Operator Display for easy location of leaks • Export option for integration into user Navigation software • Supports standard oceanographic sensors for full coverage of any kind of anomalies • Automated detection of any leaks (oil/gas) through graphical display and simplified status flags instead of complex multi graph display: <ul style="list-style-type: none"> • Allows for easy location of anomalies even through trained technicians • Raw data can be displayed as graphs for further qualification and quantification of anomaly and reporting
Integration	Designed for easy ROV integration Fully integrates a broad variety of sensors for full coverage of any kind of anomalies: HydroC™ LDS, HydroC™ CH4, PAH and CO2, CTDs (RBR, Seabird, FSI), Fluorometer, Diss. Oxygene, pH and Redox and more...

Version 10/2011