THE LEADER OF
UNDERWATER TECHNOLOGY

BATHY THERMOGRAPH SYSTEM

BTS SERIES



SonarTech

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Product Intro

The BathyThermograph System(BTS) is a system to obtain data for each depth temperature and sound velocity by the probe of BTP(XBT) falling in water. BTS consists of expendable probe(BTP) to measure underwater temperature, launcher(BTL) to shoot probe and recorder(BTR) for data acquisition, recording, processing.

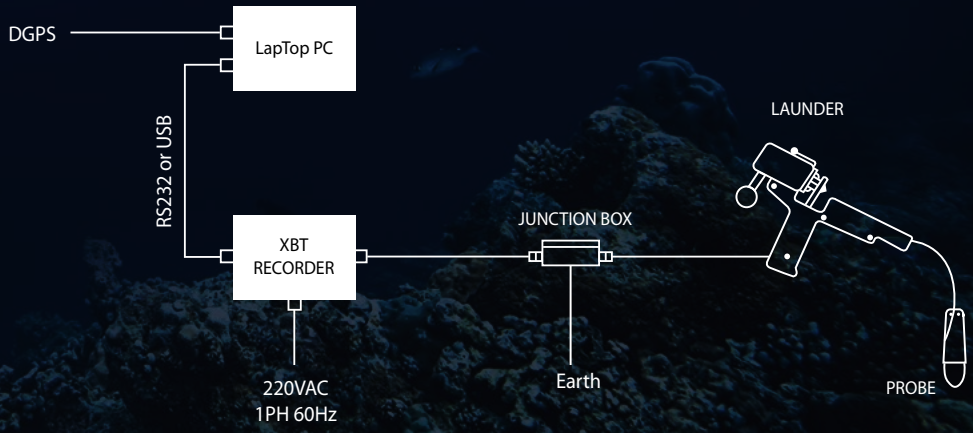
Package

- BathyThermograph Probe (BTP-4, 6, 7, 10)
- BathyThermograph Launcher (BTL-1 / Hand-held type, BTL-2 / Hull mounted type)
- BathyThermograph Recorder (BTR-1 / Rack type, BTR-2 / Portable type, BTR-3 / Console type)

System Flow

Data Acquisition Unit (BTR) → **Junction Box** (BTL-JB) → **Launcher** (BTL) → **Probe** (BTP)

Configuration



SPECIFICATIONS

BTR (Recorder)

- Operating Depth : Max 1,830m
- Operating Speed : 30 Knots (Using BTP-4)
- Vertical Resolution : 64cm
- Temperature Range : - 2.2℃-35.6℃

BTP (Probe)

Application	Max. Depth	Rated Speed	Remark
BTP-4	460m	30 Knots	-
BTP-6	460m	20 Knots	-
BTP-7	760m	15 Knots	-
BTP-10	200m	10 Knots	-

SYSTEM COMPOSITION

Expendable Probe

Launched from the vessel to measure water temperature.





Launcher

Interface device that loads and shoot the probe and transfers the resistance value of temperature to Recorder



Hand-Held type



Thru-Hull type

Recorder

Receives and records the temperature value from the prove, and shows profile



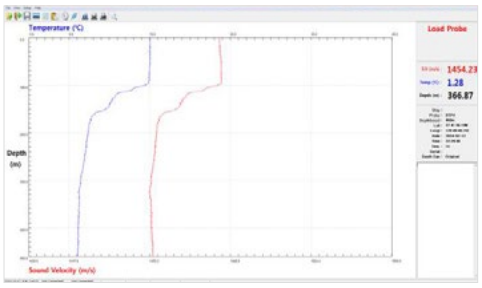
Rack type



Portable type



Console type



Software : STX-MV

- OS : Win 7, 8, 10
- Display Temp. info against 0.64m depth
- NMEA0183 Format Data Input Process
- Export txt file and raw data auto generation
- Velocity data 1,405~1,560m/s display



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