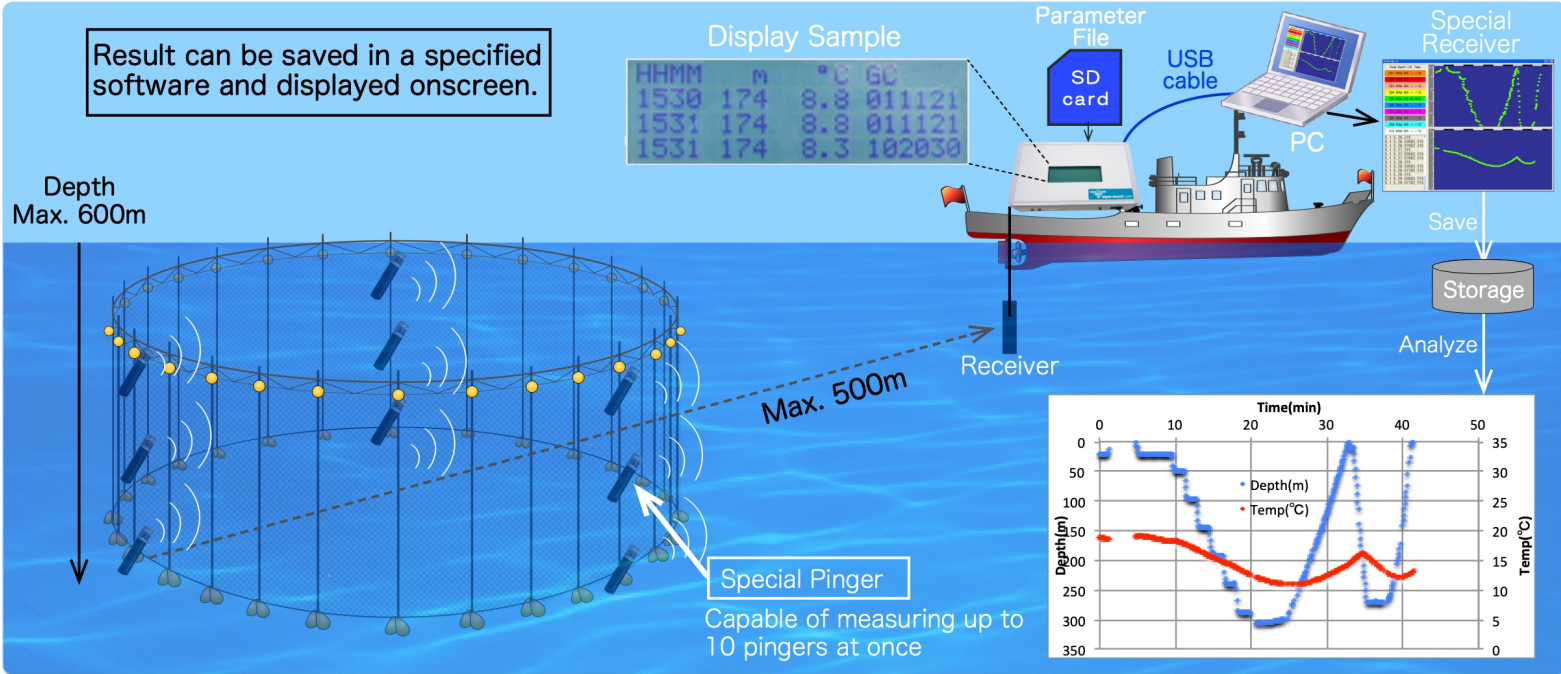# Remote Thermometer

Capable of acquiring the water temperature and depth information in the sea in real time

Water temperature and depth information are transmitted at once and displayed on a special receiver onboard. The transmission interval of the special pingers can be selected from 4 phases, and up to 10 Gold Code Pingers can be used simultaneously. This device can measure water temperature of different depths (max. 600m) at once.

*Gold Code is a Pseudo Noise (PN) code with minimal interference among signals

Result can be saved in a specified software and displayed onscreen.

Display Sample

HHMM	m	°C	GC
1530	174	8.8	011121
1531	174	8.8	011121
1531	174	8.3	102030

Parameter File
SD card
USB cable
PC
Special Receiver
Save
Storage
Analyze

Depth Max. 600m

Max. 500m

Receiver

Special Pinger
Capable of measuring up to 10 pingers at once

Specifications of Pinger

	Pinger [AQTD-600P]	High-powered Pinger [AQTD-600HP]
Transmitting Interval	4 patterns can be specified (1-260secs.)	
Temperature Range	-5 ～ 35℃ (Accuracy:±0.2℃)	
Max. Depth	600m (Accuracy:1% full scale)	
Directional Characteristic	Omni-Directional	
Sound Source Level	160 dB re 1μPa at 1m	166 dB re 1μPa at 1m
Battery Life	12 months for 5 secs. interval	6 months for 5 secs. interval
Battery (can be replaced)	1 CR-2 lithium battery	2 CR-2 lithium battery
Weight in Air	93g	117g
Weight in Water	17g	24g
Size	φ27×130mm	φ27×160mm

Φ27mm
Φ27mm
130mm
160mm
Pinger
High-powered Pinger

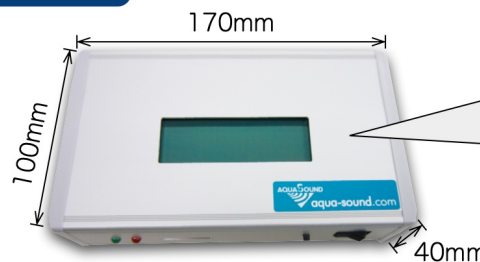How to Change Repetition Interval
Magnet
By attaching a magnet to a pinger, you can change repetition interval.

Specifications of Display

Model Number	AQTD-600DB
Transmitting Frequency	62.5kHz
Data Output	USB / Bluetooth (*1)
Power Supply	9 ～ 28V 30mA
Size	170×100×40mm
Size of Transducer	Φ45×150mm 25m Cable

(*1) can be used at once

170mm
100mm
40mm

Display Sample

HHMM	m	°C	GC
1530	174	8.8	011121
1531	174	8.8	011121
1531	174	8.3	102030

Time | Depth | Temp. | Pinger Code

Contact
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URL

For more information on individual products and catalog, please contact us via e-mail.

Nov 29, 2021