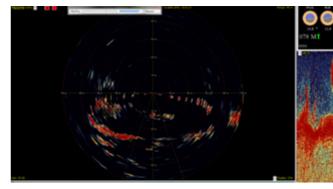




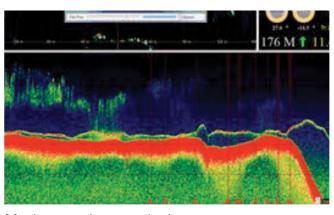
Features:

- Full monitoring of net opening and fish echoes for each transmission
- 240 beams scan 360 degrees in vertical direction for each transmission
- Vertical transmission update every 0,8 sek.
- Echo Sounder presentation with beam adjustment
- Adjustable beam width of the echo sounder
- Depth/temp and net behaviour (pitch and roll)
- Trawlheading presentation (Underwater Unit)
- Graphical presentation of net depth and temperature
- Two screen option of vertical scanning and echo window
- Own zoom window of echo images
- NMEA output of headrope and footrope
- Four catch sensors (option) can be mounted on the cod-end to monitor the filling rate
- All operations done from menu on Display
- No moving mechanical parts in Underwater Unit
- Robust design and high reliability

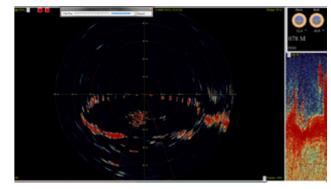
Display Unit



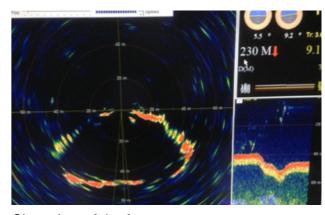
Fish coming in...



Maximum echo sounder image



Fish targets on vertical scanning and echo window

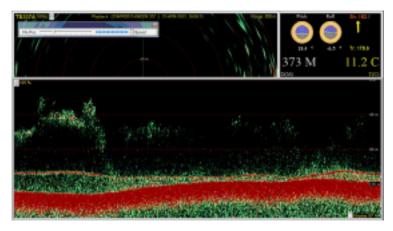


Clear view of the foot rope





240 beams scan 360 degrees in vertical direction for each transmission. New transmission update every 0,8 sec.



Clear view of the trawl foot rope. With update every 0.8 sec. you will have good control of the foot rope close to the sea bed.

Specifications:

GENERAL

Display 1280 x 1024

Display Mode Beam Test or 360° image

Presentation Color of echogram

Full color (2 types of contrast selectable for day or night time operation), Green,

Grey (normal/reverse)

UNDERWATER UNIT

Operating Dept 2,000 m Vertical Scanning Sonar

Display mode 360°. Full picture scanning every 0,8 sec.

Echo Sounder

Frequency 120 kHz

Ranges 10, 20, 30, 40, 50, 60, 80, 100, 150, 200,

250 m.

Temprature Sensor

Measurement Range

- 5°C to +35°C

Dept Sensor

Measurement Range

0 to 2,000 m

Pitch/Roll Sensor +/-60°

CATCH SENSOR CS-400

Operating Depth 2,000 m

Frequency channel 1: 69.75/70.25 kHz,

channel 2: 72.25/.72.75 kHz channel 3: 74.75/75.25 kHz channel 4: 77.25/77.75 kHz

Power Supply 3 Alkaline batteries

Operating Time 1,500 h

POWER SUPPLY

115/230 VAC

EQUIPMENT LIST

Standard: 1 pcs underwater unit, 1 pcs processor unit, 1 pcs power/interface unit. Installation Material and Standard Spare

Parts

Option: Catch Sensor CS-400

Third Wire System

Winch system Shipyard supply
Cable Armored coax cable

Loop Resistance 100 ohm
Attenuation 20 dB, 100 kHz
Length 3,000 m

Furuno Norge AS TIf.: 70 10 29 50 furuno@furuno.no www.furuno.no