



## SONARES

# FURUNO FSV-75

## ESPECIFICACIONES TÉCNICAS

**FURUNO****ESPECIFICACIONES TÉCNICAS**

El sonar de semicírculo más avanzado con detalles de imagen incomparables, actualización: nuevo modo 3D.

La adopción de una innovadora tecnología de procesamiento de señales aumenta drásticamente la sensibilidad de la sonda y proporciona ecos más claros y nítidos.

El FSV-75 utiliza alta frecuencia (180 kHz) que puede detectar fácilmente peces apretados en el fondo o en las redes. Esto le permite ubicar y rastrear peces en la pantalla con mayor precisión.



## CARACTERÍSTICAS

## General

Scanning	Full digital beam forming
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Frequency	180 kHz
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Basic Range	50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800, 1000, 1200, 1600, 2000 m 95, 190, 285, 380, 475, 570, 665, 760, 855, 950, 1140, 1330, 1520, 1900 m  Off-center 95, 190, 285, 380, 475, 570, 665, 760, 855, 950, 1140, 1330, 1520, 1900 m
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Audio Search	1 kHz
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Audio Output	10 W (optional speaker required)
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## Display Unit

Pixel number	SXGA (1280×1024)
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Colors	32 colors (sonar pictures), 6 colors (marks)
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Orientation	Head-up, North-up* and Course up* (*: sensor required)
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Display mode	Slant, Vertical combination scan, Echo sounder combination, Vertical and echo sounder combination
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Additional functions	Water temperature, Wind speed/bearing, Interference rejecter, Afterglow, Noise limiter, Delete color, Automatic target tracking, Auto-retraction, Fish school alarm
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Information	Scan (Bearing/Distance), Cursor (Distance/Depth/Bearing), Event, Fish school (Position/Bearing), Own ship's location, Speed/Bearing
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## CARACTERÍSTICAS

## Hull Unit

Raising/Lowering time	8 s (800 mm travel), 11 s (1100 mm travel)
Allowable Ship's Speed	18 kn (15 kn for raise/lower operation)
Transducer Travel	800 mm or 1100 mm
Beam width	Tx, Horizontal: 180°, Vertical: 6° (-3 dB at 180 kHz) Rx, Horizontal: 6°, Vertical: 6° (-3 dB at 180 kHz)

## Interface

Ports	Video output: 2 ch, HDMI, SXGA NMEA0183: 5 ch, V1.5/2.0/3.0/4.0/4.1 External KP: 1 ch, current loop or contact closure (Input: 5-15 V, Output: 12 V) Voice output: 1 ch, 10 W, 4 ohms, monaural Gyrocompass: 1 ch, AD-10 Echo sounder input: 1 ch, VI-1100A analog Contact closure: 1 ch, for external switch USB: USB2.0: 2 ch, USB3.0: 2 ch LAN: 2 ch, Ethernet, 1000Base-T
NMEA0183	Input: CUR, DBS, DBT, DPT, GGA, GLL, GNS, HDG, HDM, HDT, MDA, MTW, MWV, RMC, THS, VBW*, VDR, VHW, VTG, VWR, VWT, ZDA Output: TLL *: fore-aft/port-stbd speed data required

## Power Supply

Processor Unit	12-24 VDC: 4.0-2.0 A
Transceiver Unit	100/110/115/220/230 VAC, 2.5 A max., 1 phase, 50-60 Hz
Hull Unit	200-220 VAC, 4 A max., 3 phase, 50/60 Hz
Rectifier	100/110/115/220/230 VAC, 1 phase, 50/60Hz



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## CARACTERÍSTICAS

Environment	
Temperature	Processor unit: -15°C to +55°C Transducer: -5°C to +35°C Transceiver unit: 0°C to +50°C Matching box: 0°C to +50°C Hull unit: 0°C to +50°C Control unit: -15°C to +55°C
Relative humidity	93% or less at +40°C
Waterproofing	Transducer: IPX8 Control unit: IP22 (panel), IP20 (chassis) Processor unit: IP22 Transceiver unit: IP22 Matching box: IP22 Hull unit: IPX2
Vibration	IEC 60945 Ed.4



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