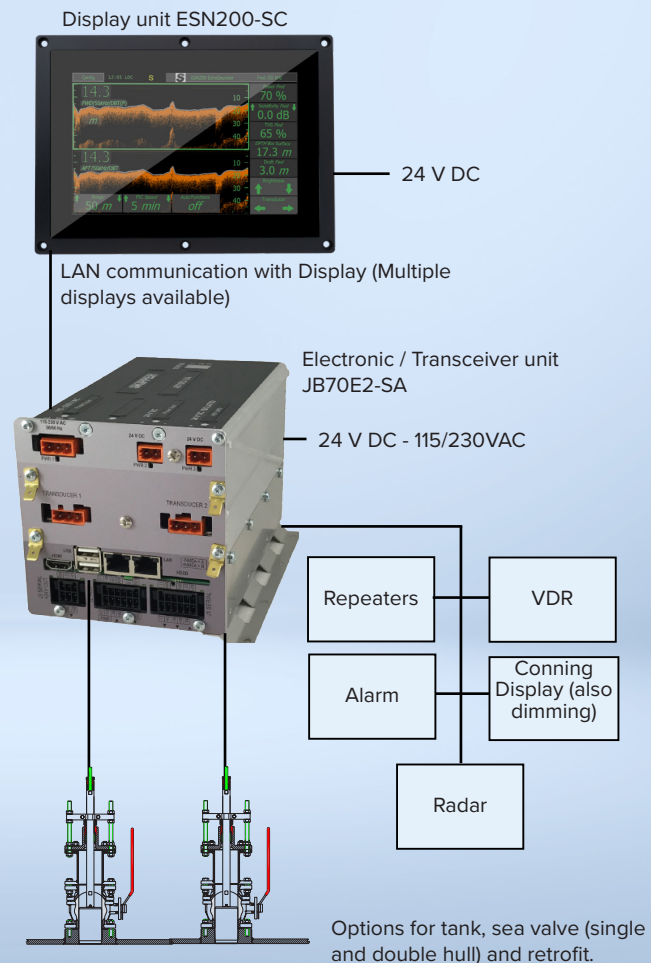


ESN200

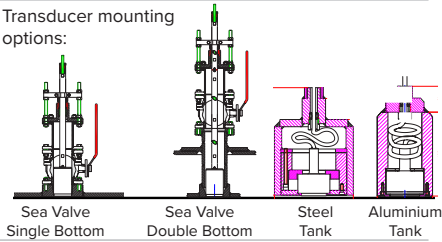
Navigation Echo Sounder



- Easy and logical operation via a touch display, with fully automatic settings
- Possibility of multiple control units
- Remotely accessible
- Internal diagnostics and built in test
- 2 simultaneous channels, each of which is frequency controllable
- Approvals: CCS, MED-B, MER-B

ESN200

Product specifications

PARAMETER	SPECIFICATIONS	
Channels	Dual channel echo sounder	
Transducers	2 Transducer connectors in Electronic / transceiver unit.	
Frequencies	7 selectable frequencies: 24kHz, 30kHz, 33kHz, 38kHz, 50kHz, 100kHz and 200 kHz	
Power Supply	DC: 20 - 32 V and/or 115/230VAC	
Power Consumption	Display unit - nominal 6W. Electronic unit 20W.	
Display	ESN200-SC 10.1" Capacitive touch. 360NITS Dimensions: 287 x 209.5mm. Weight: 1.4kg 2 x LAN 3 x NMEA 0183 Outputs (IEC61162-1) 3 x NMEA 0183 Inputs (IEC61162-1)	
Electronic unit JB70E2-SA	Dimension: 115 x 115 x 180mm. Weight: 1.5kg 2 x LAN (IEC61162-450) 5 x NMEA 0183 Outputs (IEC61162-1), 3 x NMEA 0183 Inputs (IEC61162-1) 1 x AUX in, 2 x AUX out 1 x Relay out	
Ranges	Selectable from 0 – 5 m to 0 – 5000 m	
Wheelmark approved SKIPPER transducers with expected depth limits	50/200kHz ETS50200XT/XG: Max Power 60% 1m – 450m 200kHz ETN200(X)T: Max Power 100% 1m – 350m 200kHz ETN200S(X)T/G: Max power 70% 1m – 200m 50kHz ETN050(X)T/G: Max power 70% 1.5m – 500m 38kHz ETN038T/G: Max power 100% 2m – 1200m <i>Other retrofit versions of the same transducers are available.</i>	Transducer mounting options: 
Not wheelmark	24kHz ETN024T/G: Max power 100% 2m – 2100m	
Measuring Accuracy	1-10m: Accuracy 0.1m. Resolution = 0.1m 10m-100m: Accuracy 1%. Resolution = 0.1m 100m-5000m: Accuracy 1%. Resolution Display = 1m NMEA = 0.1m	
Output power	Nominal 700W. Max >1000W	
User functions	Auto mode (for all settings) Manual control: SNR, Gain, Power, TVG, Frequency Transducer setup by part number Diagnostic screens / BIT Dimming (remote or local)	
Print/Archive function	Printer available for sale: EPSON 350 (European version). Network printers / Review: Service software via LAN Extended Internal Logging, by USB or SD	
Depth alarms	BAM compatible (IEC62923) ALF or ALR. Internal sounder. Relay output and AUX in/out.	
Options	IR31Dim Remote/Automatic dimming unit CD401MR-SC Multi-repeater CD401MR-SB Multi-repeater TS-104 Transducer selector	ENS518-SA Transducer selector Code AC-G001 Synch functions Code AC-G002 GPS printer function