

Reson T50S Multibeam Sonar



T50-S Standard configuration

- EM7218-1 Receiver array
- TC2160 (400kHz) Projector
- TC2163 (200kHz) Projector
- Subsea Sonar Processor
- 6000m titanium pressure housing
- 22- 60V DC input
- Wet cable set
- Survey data storage 0.5TByte for approx. 150hours, optional 2.0TByte for approx. 600hours.



OPTIONS

- Wet-end brackets (customized)
- Motion and positioning sensors
- Teledyne RESON Sound Velocity Probes

FEATURE

TYPE 8300-5213

Sonar operating frequency	400kHz 200kHz
Across-track receiver beam width (nominal values)	0.5° (center) 1° (center)
Along -track transmit beam width (nominal values)	1° 2°
Number of beams	Min 10, Max 512
Swath coverage (up to)	150° Equi -Distant (165° Equi-Angle)
Typical range (CW)	0.5-150 meters 300 meters
Max range (CW)	225 meters 400 meters
Typical range (FM)	0.5-180m 450 metres
Max range (FM)	300m 575 meters
Ping rate (depth dependent)	Up to 50 pings/s Up to 50 pings/s
Pulse length	15-300µs (CW) 300µs – 20ms (FM)
Depth resolution	6mm
Depth rating	6000m



NOTE: Package configuration subject to change and will be customised for individual projects

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