

Cygnus DIVE Underwater Ultrasonic Thickness Gauge

The Cygnus DIVE is an easy-to-use, rugged, wrist-worn ultrasonic thickness gauge, enabling a diver to effectively collect required measurements. Cygnus's pioneering multiple-echo technology ensures measurements can be taken through protective coatings up to 20mm thick. The same multiple-echo technology supports real-time checking and verification of thickness data.



FEATURES

Wrist-mountable, diver-friendly portable design

Large color display, clearly viewable in poor visibility conditions

Rechargeable lithium-ion battery provides up to 10 hours of continuous operation

Cygnus DIVE Underwater Ultrasonic Thickness Gauge

Dimensions	4.1 x 4.3 x 1.4 in / 105 x 110 x 35 mm
Weight in air (complete gauge)	2 lb / 905 g
Battery	Rechargeable lithium-ion battery pack 10 hours continuous operation
Operating temperature	14 to 122°F / -10 to 50°C
Measurement range (used with steel)	3 mm - 250 mm with 2.25 MHz probe 2 mm - 150 mm with 3.5 MHz probe 1 mm - 50 mm with 5.0 MHz probe
Probe accuracy	±0.002 in / ±0.05 mm
High resolution	±0.005 in / ±0.1 mm
Display	2.4 in color TFT with LED backlight 320 x 240 pixels
Receiver	Automatic TCG 1 to 10 MHz bandwidth 10 Bit digitizer 60 MSPS
Data storage	32 Mb flash memory (5000 measurement points)
Data output	RS-485 half duplex to DIVELink
Certification	BS EN 1 5317:2007
Depth rating	P68 Rated to 984 ft / 300 m with continuous immersion in sea water