



Sound Metrics Corp.

Using sound to make sound measurements

Specifications DH100

DIDSON Diver-Held Standard Frequencies Depth rated 100 meters

Detection Mode

Operating Frequency	1.1 MHz
Beamwidth (two-way)	0.4° H by 12° V
Number of beams	48
Range	1m – 35 m

Identification Mode

Operating Frequency	1.8 MHz
Beamwidth (two-way)	0.3° H by 12 ° V
Number of beams	96
Range	1m – 15m

Both Modes

Max frame rate (window length dependent)	4-20 frames/s
Field-of-view	29°
Remote Focus	1 m to max range
Battery Duration	2.5 hours
Sonar Weight in Air without battery	8.1 kg (17.9 lbs)
Battery weight in Air	2 kg (4.5 lbs)
System Weight in Sea Water	Neutral
Sonar Dimensions	43 cm (including 13-cm handle) by 20 cm by 17 cm
Battery Housing Dimensions	18 cm by 13 cm diameter
Depth rating	90 m (300 feet)
Control	Four switches on handle or Ethernet

Scope of Supply

- 1 DIDSON-DH
- 2 External Battery Packs
- 1 Battery Charger
- 1 Manual
- 1 Software for Topside Computer
- 1 6-ft Data Transfer Cable
- 1 Mask Mounted Display (for AGA Mask)
- Transit Case for Above

Optional

- 1 Topside Box
- 1 100-ft Cable
- 1 Cable Transit Case for Optional Items