

GEOFORCE DTS® SPECIFICATIONS

FUNCTIONAL	
Survey Tow Speed	3.5 - 6.0 kn
Maximum Tow Depth	500 m
Survey Water Depth	10 - 5000 m
Sediment Layer Resolution	6 - 20 cm, depending on substrate
Boomer Frequency Spectrum	500 Hz - 10kHz
Sparker Frequency Spectrum	500 Hz - 2 kHz
Energy Source	60 - 1000 J
Boomer Characteristics	110 µs duration, 217 dB/1µPa at 1 m
Source Firing Rate	250 - 3000 ms
Body Motion Compensation	Removes effective heave motion
OPTIONS	
Oceanographic Winch	Up to 1200 m cable capability
Acquisition Laptop	
POWER REQUIREMENTS	
Topside Control Unit (TCU)	220-240V AC, 3kVA, 50/60Hz, single phase
MECHANICAL	
Tow Fish Assembly	
Dimensions	164 x 107 x 68 cm (L x W x H)
Weight	400 kg
Topside Control Unit (TCU)	
Dimensions	56 x 37 x 83 cm
Weight	45 kg
Cable	
14-Conductor Cable Diameter	1.64 cm (0.645 in.)
Tow Cable Weight in Air	82.6 kg/100 m (555 lb. / 1,000 ft)
Recommended Bend Radius	33 cm (13 in.)