

Neptune 3000 Miniature Coiled Rod CPT System

- 2cm² Detachable Cone, 50MPa Push Capability
 5cm² Detachable Cone, 20MPa Push Capability
 T-Bar Detachable Cone
- Up to 10m Penetration from Coiled Rod
- Compact & Easily Deployed Sub-Sea Frame
- Real-Time Control & Display
- Single Coax Connection for Power & Data
- Automatic Safety Cut-Outs
- Low Maintenance, Low Consumable Use
- Easy to Operate Windows™ Based PC Control
- Data Comparable to 10cm² Systems



Technical Specification



Dimensions	1.8m(L) x 1.8m(W) x 2m(H)
Weight in Air	1500kg approx.
Weight in Sea Water	1200kg approx.
Thrust Capacity	1000kg (approx. 10kN, 2cm ² 50MPa, 5cm ² 20MPa)
Max Penetration	10m
Depth Rating	3000m
Cone Type	Detachable, Analogue Subtraction
Cone Sensors	Tip, Sleeve Friction & Inclination
Optional Sensors	Piezo – Ranges to Suit
Cone Tip Area	2cm ²
Cone Sleeve Area	30cm ²
Penetration Speed	2cm/sec ± 10%
Retract Speed	5cm/sec approx.
Power Requirement	240Vac 1ph 50/60Hz
Umbilical Voltage	600Vac
Telemetry Link	FSK
Tip Accuracy	Better Than 100kPa
Sleeve Accuracy	Better Than 10kPa
Inclination Accuracy	Better Than 1°
Cone Data Rate	20Hz
Frame Sensors	Altimeters, Tilt, Pressure
Frame Sensor Data Rate	1Hz
Operating System	Windows™ XP & Vista Compatible

Also Available

Field Calibration Checkers, De-Airing Rigs, Cones for 3rd Party Systems, Neptune 5000 Heavy Duty CPT, 5cm² SmartCone

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