

Neptune 5000 Heavy Duty Coiled Rod CPT System

- 5cm² Digital SmartCone
- 70Mpa/70kN Push Capability
- Up To 20m Penetration
- Easily Deployed Compact 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



Technical Specification

Dimensions	2.2(L) x 2.2(W) x 2.2m(H)
Weight in Air	4500kg approx.
Weight in Sea Water	3700kg approx.
Thrust Capacity	3500kg (approx. 35kN, 70MPa)
Max Penetration	20m
Depth Rating	3000m
Cone Type	Digital Non Subtraction
Cone Sensors	Tip, Sleeve Friction & Inclination
Optional Sensors	Piezo – Ranges to Suit
Cone Tip Area	5cm ²
Cone Sleeve Area	75cm ²
Penetration Speed	2cm/sec ± 10%
Retract Speed	5cm/sec approx.
Power Requirement	240Vac 1ph 50/60Hz
Umbilical Voltage	1000Vac
Telemetry Link	FSK
Tip Accuracy	Better Than 100kPa
Sleeve Accuracy	Better Than 5kPa
Inclination Accuracy	Better Than 1°
Cone Data Rate	Selectable Up To 20Hz
Frame Sensors	Altimeters, Tilt, Pressure
Frame Sensor Data Rate	1Hz
Operating System	Microsoft Windows™ XP & Vista

Also Available

Field Calibration Checkers, De-Airing Rigs, Cones for 3rd Party Systems, Neptune 3000 Miniature CPT, 5cm² SmartCone

Datem, your perfect partner for Engineering Solutions

**Call us on +44 (0)1526 322666 or
E-mail sales@datem.co.uk**

