

Neptune 3000 MCPT Cone

The Neptune 3000 MCPT Cone incorporates the latest developments in miniature cone technology. The cone is designed specifically for operation with Datem's Neptune 3000 MCPT system and features high precision built in electronics to increase the accuracy and stability of the cone data. The amplified data outputs allow much improved signal transfer between the cone and the sub sea CPT control electronics.



The cones are fitted with tip, friction sleeve and dual axis tilt as standard. There are various pore pressure sensor options available from 7bar to 350bar dependent on working depth.

The cones are easily detachable from the CPT rod so as to minimize consumable costs, and each cone is supplied with a multipoint calibration.

Technical Specification

Cone Type	Subtraction with Tilt (Piezo Optional)
Max Tip Load	1000kg / 10kN / 50MPa
Tip Area	200mm ²
Tip Resolution	22kPa
Max Sleeve Load	150kg / 1.5kN / 500kPa
Sleeve Area	3000mm ²
Sleeve Resolution	2kPa
Piezo Sensor Range	7, 35, 75, 150, 350
Piezo Type	U2
Piezo Resolution	Sensor Dependent Typ. 2-11kPa
Output	Analogue 0-5Vdc
Power Requirement	+/- 15Vdc

Also Available

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

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