



APPLICATIONS

- Geotechnical investigation
- Environmental investigation
- Foundation engineering

ACCESSORIES

- Sacrificial or retrievable cone
- Drive head
- Rod & coupler
- Bottom connector

Dynamic Probes are used to assess in-situ soil strength by measuring resistance to a dynamically driven cone. They comply with BS EN 1997-2:2007 (Eurocode 7) and are commonly used in geotechnical, environmental, and foundation investigations.

The system includes a 90° cone (sacrificial or retrievable), extension rods, torque wrench, and a driving device.

Two probe types are available:

Heavy (DPH) and Super Heavy (DPSH), each with specific cone dimensions, drop heights, and rod properties.

Extension rods are made from 35mm heat-treated alloy steel and marked every 10cm. They use a custom thread design to resist impact forces and include spanner flats for easy handling. Probes can be driven using an automatic trip hammer or dedicated rig.

FEATURES

- Continuous penetration profile of ground strength
- Complies with BS EN 1997-2:2007 (Eurocode 7)
- Complies with BS 5930:2015 Code of Practice for Ground Investigations

Specifications		
ITEM	HEAVY (DPH)	SUPER HEAVY (DPSH)
Drop Height (mm)	50 ± 0.5	63.5 ± 0.5
Nom. Cone Area (cm ²)	500 ± 10	750 ± 20
Cone Mantle Length (mm)	15	20
Cone Tip Length (mm)	43.7 ± 0.3	50.5 ± 0.5
Drive Rod Diameter (mm)	43.7 ± 1	50.5 ± 2
Drive Rod Mass (kg/m)	21.9 ± 0.1	25.3 ± 0.4
Drive Rod Diameter (mm)	35	35
Drive Rod Mass (kg/m)	6	8

