

Product Code

- UTS-0180 Semi-Automatic Cone Penetrometer for Liquid Limit
- UTS-0182 Liquid Limit Penetration Test Cone, Stainless Steel, 30° Angle and 80g
- UTS-0183B Cone Test Gauge for 30° Angle Cone, BS
- UTS-0183E Cone Test Gauge for 30° Angle Cone, EN ISO
- UTS-0184 Liquid Limit Penetration Test Cone, Stainless Steel, 60° and 60 g
- UTS-0185E Cone Test Gauge for 60° Angle Cone, EN ISO
- UTS-0187E Liquid Limit Penetration Test Cone, Stainless Steel, 30° and 100g, EN ISO
- UTGH-1435 Penetration Sample Cup / Moisture Content Tin with Lid, 75x50 mm, Aluminium
- UTGH-1440 Penetration Sample Cup / Moisture Content Tin with Lid. Ø55x30 mm, Aluminium
- UTGH-1442 Penetration Sample Cup / Moisture Content Tin with Lid. Ø55x40 mm, Aluminium
- UTGH-1444 Penetration Sample Cup / Moisture Content Tin with Lid. Ø55x40 mm, Stainless Steel

Models for 220-240V 50-60 Hz, 1	UTS-0180
ph. Models for 110-120V 60 Hz, 1	UTS-0180-N

Standards

BS 1377:2; NF P94-052-1; EN ISO 17892-6, 17892-12

The Cone Penetrometer is used to determine the moisture content at which clay soils pass from a plastic to a liquid state and used also for the determination of undrained shear strength.

UTS-0180 Semi-Automatic Cone Penetrometer for liquid limit consists of a frame with a levelling screws and screw gear assembly with handwheel for vertical adjustment, a digital penetration measurement gauge with 0.01 mm resolution /readability, a digital timer, a magnifying lens and a low voltage illuminator mounted on flexible arms.

Penetration time 0-99 sec. can be set up by user with the digital timer. The timer will allow the cone to free fall into the sample for the engaged time interval and then lock the cone from advancing while providing a direct reading of the test results.

Each cone supplied complete with its shaft. Penetration cone/s, cone test gauges and sample cups should be ordered separately.

UTGH-1435	Ø (75±2) mm x h (50±2) mm
UTGH-1440	Ø (55±2) mm x h (30±2) mm
UTGH-1442	Ø (55±2) mm x h (40±2) mm
UTGH-1444	Ø (55±2) mm x h (40±2) mm

Dimensions	210x220x500
Weight (approx.)	mm 14 kg



CFS-0180 with CFS-0182

