



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 ph.	UTS-0180
Models for 110-120V 60 Hz, 1 ph.	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 mm
Weight (approx.)	14 kg



CFS-0180 with CFS-0182

