



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

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Dynamic Cone Penetrometer 8Kg Hammer (Trl Design).

Code: [29-3720](#)

Product Group: [In-situ Testing](#)

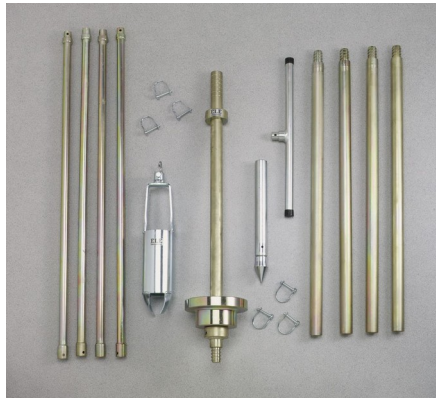
The TRL (Transport Research Laboratory) Dynamic Cone Penetrometer (DCP) is used for rapid in-situ measurement of the structural properties of existing road pavement constructed with unbound materials. The unit incorporates an 8 kg weight with a drop of 575 mm, and a 20 mm diameter cone fitted to the end of the shaft, allowing measurements to be made down to a depth of approximately 850 mm.

Readings are usually taken after a set number of blows, changing the number according to the strength of the layer being penetrated. For good granular bases, readings every five to ten blows are satisfactory, but for weaker sub-base layers and subgrades, readings every one to two blows may be appropriate.

The DCP requires three operators, one to hold the instrument in a vertical position, one to raise the hammer and let it fall and one to record the results. A typical test takes only a few minutes, providing a very efficient method of obtaining information which would otherwise require the excavation of test pits. Where pavement layers have different strengths, boundaries can be identified and layer thickness determined.

Further Information

Supplied complete with all necessary tools, assembly and operating instructions.



Portable Dynamic Cone Penetrometer/Auger Set

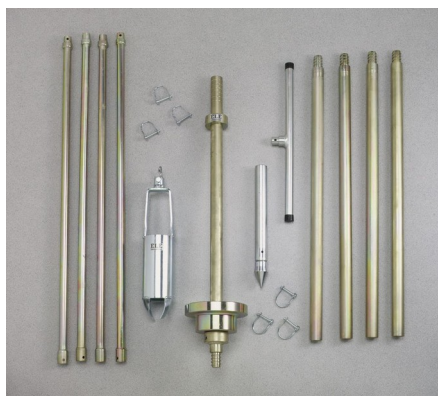
Code: 29-5500

Product Group: Portable Dynamic Cone Penetrometer/Auger Set

Consists of sliding drive hammer assembly, cone penetrometer point attached to a 12" (305 mm) rod, four 30" (762 mm) "E" drill rod extensions, Tee Handle, auger head and 4 auger extensions

Specification

Auger Head	3-1/4" (82.6 mm) bucket diam. 4" (102 mm) blade diam.
Tee Handle	3/4" (19 mm) diam. rod; 36" (914 mm) long.
Extensions	Four 36" (914 mm) hand auger extensions.
Slide Hammer	15 lb. circular disc with 20" (508 mm) free fall.
Hammer Extensions	Four 30" (762 mm) E Drill rods.
Penetrometer Cone	30°.
Weight	Net 78 lbs. (35.4 kg).



Portable Dynamic Cone Penetrometer

Code: [29-5505](#)

Product Group: [Portable Dynamic Cone Penetrometer/Auger Set](#)

Consists of sliding drive hammer assembly, cone penetrometer point attached to a 12" (305 mm) rod, four 30" (762 mm) "E" drill rod extensions.

Specification

Auger Head	3-1/4" (82.6 mm) bucket diam. 4" (102 mm) blade diam.
Tee Handle	not included
Extensions	not included
Slide Hammer	15 lb. circular disc with 20" (508 mm) free fall.
Hammer Extensions	Four 30" (762 mm) E Drill rods.
Penetrometer Cone	30°.
Weight	Net 78 lbs. (35 .4 kg).



Compaction Hammer

Code: [45-6460](#)

Product Group: [Manual Compaction, Stability](#)
[Compaction Hammer](#)

Satisfies BS 598. The hammer has a 4535 g sliding weight with a free fall of 457 mm.

Standards

EN 12697-30, ASTM D6926, AASHTO T245

Specification

Tamping Face	3-7/8" (98 mm) diam.
Hammer	10 lb. (4.54 kg).
Drop	18" (457 mm).
Construction	Machined steel; cast aluminum handle.
Weight	Net 16 lbs. (7.2 kg).



Calibrated Spring Balance

Code: [47-0011](#)

Product Group: [Rate of Spread of Coated Chippings](#)

Standards

EN 12272-1, BS 598-108

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Tray and Chains

Code: [47-0012](#)

Product Group: [Rate of Spread of Coated Chippings](#)

Comprising one 300 mm square tray and four chains.

Standards

EN 12272-1, BS 598-108

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****



Digital Asphalt Thermometer

Code: [47-0202](#)

Product Group: [Digital Asphalt Thermometer](#)

Comprises a hand-held digital thermometer with an operating range of -99 to +1372 °C with a switchable resolution between 0.1 and 1.0 °C. Operates on a 9V battery and utilises K-type thermocouple sensors.

Standards

BS 2000-49, EN 1426, EN 13179-2, ASTM D5, AASHTO T49, IP 49

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

Specification

Range	-50 to 1000°C
Resolution	Switchable 0.1 or 1.0°C
Weight	300 g



250 Asphalt Probe

Code: [47-0202/10](#)

Product Group: [Digital Asphalt Thermometer](#)

Has a heavy-duty and reinforced needle probe. It is built with a t-shaped polyethylene handle and has a maximum tip temperature of 250°C and a 300 mm long probe.

Standards

BS 2000-49, EN 1426, EN 13179-2, ASTM D5, AASHTO T49, IP 49

Further Information

****NOT AVAILABLE FOR SALE IN THE USA****

Specification

Max Reading	250°C
Length of probe	300 mm
Tip diameter (needle point)	6 mm