Cone Penetrometer

The cone penetration test is based on the relationship between moisture content and the penetration of the cone into the soil sample under controlled conditions.

The manual VJ Tech Cone Penetrometer has an aluminium base and a 25 x 0.01 mm dial guage. It is supplied with a test cone and cup.

A semi-automatic version is available where a five second controller releases the plunger head. The manual version can be easily upgraded to semi-automatic by purchasing a timer unit from VJ Tech.

Features

- Conforms to BS1377-2
- Easy to use
- Semi-Automatic Cone Penetrometer with Timer Unit
- Manual unit available which can easily be upgraded to semi-automatic
- DC Solenoid to avoid excessive vibration
- The dropping shaft weighs 50g, but is hollow with a cap so that the weight can be adjusted using lead pellets

Ordering Information

Manual System (without Timer)

VJT0808	Manual Cone Penetrometer complete with test cone and cup (includes Dial Gauge 25 x 0.01 mm)

Timer Unit (for optional upgrade for Manual System)

SUB0809	Five Second Timer Unit

Semi-Automatic System (with Timer)

VJT0809	Semi-Automatic Cone Penetrometer complete with timer, test cone & cup (includes Dial Gauge 25 x 0.01 mm)

Replacement Consumables (Cones all include Drop Shaft)

VJT0808C0	Penetration Test Cone, 30g, 30 degree Angle
VJT0808C0-60	Penetration Test Cone 60g, 60 degree Angle
VJT0808C0-80	Penetration Test Cone 80g, 30 degree Angle
VJT0808CU	Penetration Test Cup

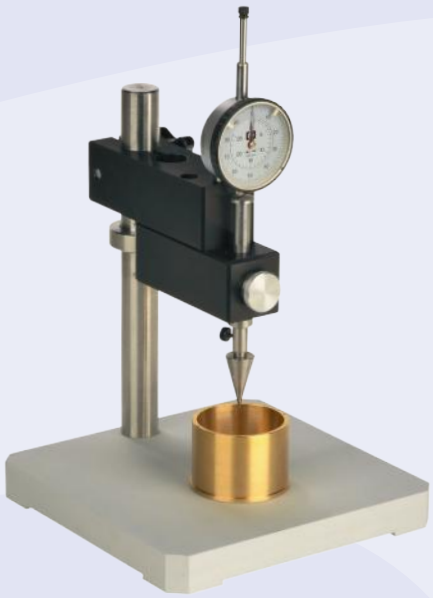
Cone Sharpness Accessory (Optional)

VJT0808G	Penetration Cone Point Test Gauge (for testing the sharpness of the Penetration Test Cone)

Specifications

VJT0808	
Dimensions (W x D x H)	150 x 150 x 280 mm
Weight	13 kg

SUB0809	
Dimensions (W x D x H)	80 x 120 x 50 mm
Weight	2 kg
Power	220-240V 50-60Hz 1ph



VJT0808 - Manual Cone Penetrometer

VJT0809 - Semi-Automatic Cone Penetrometer with Timer Unit

Timer Unit, Cone, Cup and Cone Point Test Gauge

VJ Tech