

**SEDIMENTATION BY THE
HYDROMETER METHOD**

BS 1377 ASTM D 422

T 659**THERMOSTATIC BATH IN GLASS**

The bath is divided into two compartments, the first measures 49 x 29 x 30 (h) cm and is where the sedimentation cylinders are placed, the second is smaller and houses the heater and the circulation pump.

The heater is preset to maintain a temperature of $20 \pm 1^\circ\text{C}$ if the ambient temperature is lower than 20°C .

Power: 220 V, 50 Hz, single phase, 100 W.

Dimensions: 600 x 300 x 390 (h) mm. Weight 12 kg.



T 659 V 232/C

T 658/2**HIGH SPEED STIRRER**

Heavy aluminium casting, complete with a removable stainless steel dispersion cup. Speed: 10,000 rpm.

Power: 220 V, 50 Hz, single phase.

Dimensions: 170 x 190 x 500 (h) mm.

Weight 4.6 kg.



T 658 T 626/1/2 DB 501/D V 765 Z 31

Accessories and spare parts:

R 658/112	Stainless steel cup
R 106/667	Anti-splash frame for cup
V 232/C	1000 cc graduated glass cylinder
V 638/T	Rubber bung for cylinder
DB 782/1	Glass thermometer ($-30 + 50^\circ\text{C}$)
T 626/1	Soil hydrometer type 152 H (ASTM, AASHTO) Range, - 5 to + 60. Lead ballasted with graduated stem (1 g divisions)
T 626/2	Soil hydrometer type 151 H (ASTM, AASHTO) Range 0.995 - 1,038. Lead ballasted with graduated stem (0.001 g divisions)
V 765	Graduated glass beaker, 600 cc
Z 31	Sodium hexametaphosphate, 1 kg
DB 501/D	Digital stop-watch (0.01"), 59 minutes, 59 seconds
TF 659	Normographic chart for calculations 60 x 40 cm.
V 729	Stainless steel hand stirrer for 1-2 litre cylinders
AD 225/002	Software: "Grain size and sedimentation"
TF 659/S	Test Form Pack of 100 sheets with graph for particle size distribution
TF 659/H	Test Form Pack of 100 sheets for calculation of particle size distribution
T 626/4	Hydrometer ASTM C88. Graduated: 1,150-1,200
T 626/5	Hydrometer ASTM C88. Graduated: 1,250-1,300
T 626/BS	BS 1377-2 hydrometer. Range 0.995 - 1.030 g/ml (divisions 0.005)



V 638 - V 638/T



V 729

V 638**GAS JAR**

Complete with rubber bung and glass cover.
Capacity 1000 cc. Diameter: 75 x 300 mm.

V 638/T**RUBBER BUNG FOR CYLINDER**

T 641 SAND EQUIVALENT TEST SET

EN 933-8 ASTM 2419

The apparatus (contained in a carrying case), consists of 4 graduated plastic cylinders, rubber stopper, irrigator tube, weighted foot assembly, syphon assembly, rubber tubing, measuring tin, funnel and bottle of special concentrated solution (250 ml).

Dimensions: 350 x 550 x 130 (h) mm. Weight 6.5 kg

Accessories and spare parts:

TF 641 Test Form. Pack of 100 sheets for sand equivalent test.

T 641/S Solution ready for use (250 ml) Concentrated liquid (to be diluted for test solution) containing formaldehyde, glycerol analar and calcium chloride in proportions as foreseen by Standards.

T 641/S1 Concentrated solution: same as T 641/S but 1 litre bottle

T 641/B Plastic bottle (5 litres)

T 641/C Graduated perspex cylinder

Z 87 Calcium chloride (1000 g)

Z 78 Glycerol analar (bottle 2.5 l)

Z 89 Formaldehyde, 37% solution, 2.5 litres

SA 004/75 Stainless steel sieve 200 mm dia. frame. With calibrated 4.75 mm mesh (ASTM N. 4)

T 641/T Metal base with rod and bottle support

T 641/1 Siphon assembly

T 641/2 Irrigator tube with tap

T 641/3 Weighed foot (EN)



T 641/T
T 641/B



T 641

COMPLETELY GRADUATED CYLINDERS



T 642

T 642 ELECTRIC SAND EQUIVALENT SHAKER

EN 933-8 ASTM 2419

A robust frame ensures stability of the machine, which is completely automatic.

Stroke 203 mm - Rate 175 strokes/min. The cycles are set according to the Standards. Electric motor kW 0.18. A timer stops the machine at the end of the test. Safety guard, complete with microswitch, is included as standard.

Power supply: 220 V, 50 Hz, single phase.

Dimensions: 895 x 350 x 465 (h) mm. Weight: 30 kg.

PARTICLE DENSITY

BS 1377-2

Carried out on soil containing up to 10% of particles, retained on a sieve, opening 37.5 mm.

T 638 ELECTRIC "END OVER END" SHAKER

Heavy steel frame supporting the electric motor gear unit.

Rotating at approximately 50 rpm.

Control panel. Housing for 2 cylinders.

Power: 220 V, 50 Hz, single phase.

Dimensions: 600x500x500 mm. Weight: kg 20.



T 638