

SI43-KIT complete set**Particle size distribution** Pipette method

STANDARD: BS 1377.2

This equipment is used to determine the quantitative size distribution of very fine particle in soils, like clay and silt.

The complete set comprises:

- SI44** ANDREASEN PIPETTE, 25 ml capacity, for an accurate extraction of the quantities of soil in suspension for analysis.
 - SI44-01** PIPETTE STAND, to accurately raise and lower the pipette with no transmission of vibration to not disturb the sample suspension. Weight: 10 kg
 - SI44-02** SEDIMENTATION CYLINDER, 500 ml capacity
 - SI44-03** RUBBER BUNG for cylinder
 - SI44-04** EVAPORATING DISH, glass, dia. 90 by 50 mm height.
 - VI72-03** SOIL HYDROMETER, long stem, 0.995 to 1030 g/ml. (BS, NF)
 - SI55-04** GLASS TANK, dimensions: 600x300x380 mm.
 - SI55-09** HEATER, “professional type”, complete with thermostat, cooling coil, circulation unit. 230V 1ph 50Hz 1000W
 - SI55-10** THERMOMETER, range 0 - 50°C., subd. 0.5°C.
- Total weight: 40 kg approx.

NOTE: each item can be ordered separately.

ACCESSORIES:

- SI44-10** ANDREASEN PIPETTE, capacity: 10 ml
- C306-03** Separate control panel, complete with on/off switch and electric protections, to get SI55-09 heater to CE Safety Directive.
- AI17** END-OVER-END SHAKER. Technical details: see pag. 56

**SI57 KIT****Blue methylene test set****CLAY CONTENT IN FINE AGGREGATES**

STANDARDS: EN 933-9 / NF P94-068 / UNI 8520-15 / UNE 83180

Utilized to determine the clay content in the fine portions of the aggregates. The set comprises:

- SI57-01** Electric stirrer adjustable from 400 to 700 rpm, complete with 70 mm dia. propeller. 230V 1ph 50/60 Hz
 - SI57-06** Support base for stirrer
 - SI57-02** Burette 50 x 0,1 ml with stopcock
 - SI57-07** Support base for burette
 - SI57-08** Pan 200x150x80 mm
 - SI57-03** Filter paper 90 mm dia. (pack of 100)
 - SI57-04** Glass rod dia. 8x300 mm
 - SI57-05** 2000 ml capacity plastic beaker
 - V300-28** Methylene blue, 100 g
 - V300-29** Kaolinite, 500 g
- Total Weight: 10 kg

NOTE: each item can be ordered separately.

ACCESSORY:

- SI57-10** AUTOMATIC DISPENSER, 0-10 ml x 0,1 ml grad. Capacity 1000 ml (as an alternative to the Burette SI57-02+SI57-07)

**SI57-20****Automatic Methylene Blue tester**

This instrument determines automatically the quantity of clay in sand. It grants accurate and repeatable test results, saving a lot of time (approx. 30 minutes each test). The apparatus is composed by: precision pump, colorimeter, control unit, filters, liquids, powder, accessories.

To perform the test SI57-01 and SI57-06 devices are also needed. Power supply: 230V 1ph 50Hz Dimensions: 300x400x350mm approx. Weight: 10 kg

