

STRENGTH MEASUREMENT

The unconfined compressive strength test is performed as per IS 2720 (part X) at controlled rate of strain. Gives the compressive and shearing strength of clayey soil, both in undisturbed and remoulded condition.

●● HS22.10

Unconfined Compression Apparatus (Hand Operated, Proving Ring Type)

The unconfined compressive strength test performed as per IS : 2720 (part X).

- i) Screw jack with frame and dial gauge holder
- ii) Set of upper and lower platens, 150 mm dia.
- iii) Cone Seating - 2 Nos.
- iv) Proving Ring Adapter.



HS22.10

ACCESSORIES:

HS30.225 Proving ring fitted with dial gauge, 5 kN capacity.

HS19.15 Dial gauge 0.01x25 mm.

Optional Accessory

HS16.15 Sample extruder, Rack type for 38 mm samples

●● HS22.15

Unconfined Compression Apparatus (Motorized, Proving Ring Type)

Same as HS22.10 except that the loading unit is motorised and the gear system provides three different rates of strain 1.25 mm, 1.5 mm and 2.5 mm/min. The unit operates on 220V single phase supply.



HS22.15

ACCESSORIES:

HS22.10.1 Coning tool for 38 mm dia. specimen, male

HS22.10.2 Coning tool for 38 mm dia. specimen, female

HS22.10.3 Coning tool for 50 mm dia. specimen, male

HS22.10.4 Coning tool for 50 mm dia. specimen, female

HS22.10.5 Coning tool for 75 mm dia. specimen, male

HS22.10.6 Coning tool for 75 mm dia. specimen, female

HS22.10.7 Coning tool for 100 mm dia. specimen, male

HS22.10.8 Coning tool for 100 mm dia. specimen, female

HS30.225 Proving ring fitted with dial gauge, 5 kN capacity

HS29.15 Dial gauge 25 mm travel x 0.01 mm for strain.