

UNCONFINED COMPRESSION

BE 10

Unconfined Compressive Strength (UCS) stands for the maximum axial compressive stress that a cohesive soil specimen can bear under zero confining stress. Unconfined compression test is one of the fastest and cheapest methods of measuring shear strength of clayey soil.

Unconfined Compressive Strength (UCS) is the load per unit area at which an unconfined cylindrical specimen of soil will fail in the axial compression test. If the axial compression force per unit area has not reached a maximum value even at 20 percent axial strain, the UCS shall be taken as the value obtained at 20 percent axial strain.

STANDARD FOLLOWING

IS 2720 (Part 10), AASHTO T208

DESCRIPTION

BE 10-01	MANUAL TYPE
BE 10-02	DIGITAL TYPE WITH SOFTWARE
BE 10-03	SPLIT MOULD
BE 10-04	UNCONFINED ATTACHMENT
BE 10-05	Different Size cutter
BE 10-06	PROVING RING 25 KN
BE 10-07	DIAL GAUGE 25 MM
BE 10-08	LOAD CELL 25 KN
BE 10-09	LVDT 25 MM

The Instrument you're referring to has the same overall design and components as the BE 10-01 & BE 10-02 with the key difference being manual type include Proving Ring, Dial gauge and 2nd type Digital with software and used to load cell, LVDT. Also Available Single Speed and Three Speed.

BE 10-01

BALAJI ENTERPRISES

