

# DIGITAL UNCONFINED COMPRESSION APPARATUS YTW-2S

## STANDARD: BS 1377-4, ASTM D1883

It is used to determine the axial pressure applied to soft clay with a high degree of saturation under laterally unconfined conditions until specimen failure, thereby obtaining the unconfined compressive strength of the soil. In addition, the unconfined compressive strength test is also used to determine the sensitivity of the soil.

## FEATURES

- 5-inch color touch screen for test control, data display, storage and printing.
- Data processing function, can automatically calculate stress values.
- Servo motor control with software speed feedback, stepless speed regulation of loading rate.
- Built-in micro printer for printing data lists and test results.
- Data upload capability for easy management and search.



Force value(N)	displacement(mm)	F CLR
1	0.02	D CLR
Maximum force value (N)	Maximum displacement(mm)	up
45588	451.31	down
Test: <input type="radio"/> up: <input type="radio"/> down: <input type="radio"/>		Test
return	Print/upload	Stop

## TECHNICAL SPECIFICATIONS

Test speed	0.01~5 mm/min; factory default: 2.4 mm/min; fast speed: 15 mm/min
Capacity	10 kN, accuracy 0.001 kN
Displacement sensor	0~30 mm, resolution 0.01 mm, linearity 0.3%
Platen diameter	Φ52 mm
Lead screw travel	50 mm
Specimen sizes	Φ50×50 mm, Φ50×100 mm, Φ40×100 mm, Φ39.1×80 mm
Net weight	30 kg
Overall dimensions	280×410×520 mm