

PAVEMENT MATERIALS STRENGTH TESTER

This machine is used for CBR Test, Unconfined Strength Test, Elastic Modulus Test for Pavement Material. This testing machine can also test all kinds of adhesive materials and stabilized soil specimen's unconfined compression strength and indirect tensile strength, test CBR for soil and pavement materials, test asphalt mixture's hot stability and anti-plastic flow-stability and flow value.

Adjustable flat top plate can automatically ascend and descend to leveling.

The exposed part of turn screw have protective cover, it can avoid the screw exceed the position and take off in operation, and avoid the screw be jammed by other materials as well.

MQS-2A can be used for doing CBR test, unconfined compression strength test and Marshall test. CBR mould and its accessories need to be ordered separately.

MAIN FUNCTIONS MQS-2

Display pressure and peak pressure value

Save 30 group data

Print 30 group pressure value and Peak pressure value (printer need to be ordered separately)

Max. rated loading	100KN
Max. displacement distance for screw plate	200mm
Mechanical speed	high 50mm/min, low 1mm/min
Manual Speed	0.2mm/each cycle of crank
Motor specification	550W, 1400r/min
Dimension	507x430x1390mm
Weight	Approx. 120kg

MAIN FEATURES MQS-2A

This machine uses advanced computer technology combined with high-precision sensor technology, easy to operate, accurate test data, and stable performance. The instrument is equipped with overload protection. The instrument automatically tests and records automatically. This host adopts two-column support and its mechanical structure is reasonable, so as to ensure the accuracy of the instrument.



Load capacity	0-50 and 0-200KN
Max. displacement distance for screw plate	200mm
Electric speed	high speed 50mm/min, low speed: 1mm/min
Manual Speed	0.2mm/each cycle of crank
Power	380V±10%, controller 220V±10%
Dimension	920*680*1650mm (LxWxH)
Weight	280kg

PACKING LIST

- Host machine and controller;
- Two pieces S-type load cell: 0-50kN and 0-200kN;
- Two pieces displacement transducer;
- Two pieces 0-12.7mm/0.001mm digital dial indicator;
- CBR penetration rod and indicator support rod for CBR testing;
- Pressure head for Unconfined compression strength testing;
- Micro printer.

