

PAVEMENT MATERIAL STRENGTH TESTER MQS-3

STANDARD: EN 12697, ASTM D6927, EN 13286-47, AASHTO T193, ASTM D1883

This equipment is designed for a variety of tests requiring the application of vertical loads. By simply changing the test fixtures (need to be ordered separately), it can perform multiple tests—such as bearing ratio (CBR) tests, resilient modulus tests, unconfined compressive strength (UCS) tests, splitting tests, flexural-tensile strength tests, and Marshall stability tests. It adopts a touch screen for control and display, as well as high-precision pressure and displacement sensors, ensuring simple operation, accurate test data, and stable performance.

FEATURES

- Adopts industrial control touch screen, easy to operate.
- Three-channel high-speed A/D conversion ensures high sampling accuracy and reliable sampling data.
- Adopts high-precision servo motor power source.
- Loading is automatic, requiring no manual operation.
- Adopts electronic displacement sensor, the result is accurate and reliable.
- It has a status setting memory function. The status setting data is saved by the equipment.
- The equipment can store test results and has a history query function.



TECHNICAL SPECIFICATIONS

Model	MQS-3 5T	MQS-3 10T	MQS-3 20T
Load capacity	50kN	100kN	200kN
Measurement error	±0.05% (F.S)		
Test displacement	0~25 mm, measurement error: ±0.5% (F.S)		
Loading rate	0.1~60mm/min (adjustable)		0.1~51mm/min (adjustable)
Spacing between two columns	280mm		320mm
Lead screw stroke	120mm		200mm
Display	7-inch touch color screen		
Power supply	AC (220±10%) V 50/60Hz		
Total power	1000W		2500W
Overall dimension	690*470*1040mm		550*580*1400mm



SINCE 2006

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