

MARSHALL COMPACTION**Manual Marshall Compactor MC-M101**

Sliding mass weight: $4536 \pm 9\text{g}$
 Fall height: $457\text{mm} \pm 1.5\text{mm}$
 Mould diameter: 101.6mm
 Mould height: 87mm



MC-M101

Automatic Marshall Compactor MC-A101

Sliding mass weight: $4536 \pm 9\text{g}$
 Fall height: $457\text{mm} \pm 1.5\text{mm}$
 Mould diameter: 101.6mm
 Mould height: 87mm
 Blows frequency: 60blows/min

MC-A101/152
MC-A101-152**Automatic Modified Marshall Compactor MC-A152**

Sliding mass weight: $10210\text{g} \pm 9\text{g}$
 Fall height: $457\text{mm} \pm 1.5\text{mm}$
 Mould diameter: 152.4mm
 Blows frequency: 60hits/min

Automatic Standard and Modified Marshall Compactor MC-A101-152
 Combine function of 4.536kgs and 10.21kgs

Marshall Mould MM-101
 Mould diameter: 101.6mm



MM-101

MARSHALL STABILITY**Digital Marshall Stability Tester MS-30/50**

Complies to ASTM D1559
 Capacity: 30KN , 50KN
 Precision: 1%
 Resolution: 0.1KN , 0.01KN
 Platen speed: $50 \pm 5\text{mm/min}$
 Marshall head:
 dia. 101.6 ± 0.2 , dia. 152.4 ± 0.2
 Flow range: $0-15\text{mm}/0.01\text{mm}$
 Motor: 700W
 Overload protection
 Automatic display stability and flow value



MS-30/50

UNIVERSAL LOADING FRAME**Universal Loading Testing Machine UMS-128**

Max. load: 100KN , 200KN
 Low rise speed: 1mm/min
 High rise speed: 50mm/min
 Max. travel: 200mm
 Sensor: $30/50\text{KN}$, 200KN
 Can perform combine test of CBR, Marshall, Split, Unconfined compression Road material strength etc.



UMS-128

RICE TEST**Bitumen Mixture Theoretical Maximum Density Meter MTD-1**

Pressure container:
 C, $4000\text{ml} \times 2\text{nos}$
 Vacuum pressure when test:
 $3.7\text{kPa} \pm 0.3\text{kPa}$
 Vacuum pump:
 Can choose Non-oil model
 Vibrator motor: 30W
 Motor power: 300W



MTD-1