Digital Marshall Stability Machine

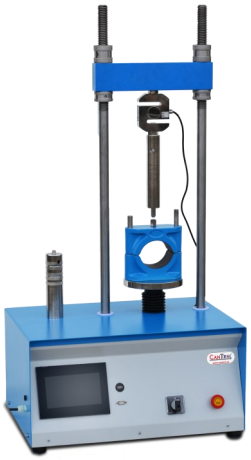
Construction Materials Testing Equipment

ATANDARDS:
ASTM D6927-15
ASTM D1559
ASTM D598
ASTM D5581
AASHTO T245
AASHTO T283
EN12697-34
EN12697-23
BS598-107

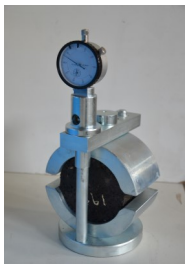
Digital Marshall Stability Machine is designed to evaluating stability and plastic flow (Marshall tests) of bituminous paving mixtures. This two Stainless Steel Columns structure make machine rigid and strudy. Crosshead height is quickly and accurately changed using the adjusting nuts. When the Marshall specimen is input into the breaking head to test, just need to push start button, the lower plate goes upward with 50mm/min(5in/min) until the to max.(frailer point) The analogue dial gauge 10mm*0.01 mm will show the flow of specimen related to stability during test operation. This machine capable of using Indirect Tensile Loading Device to determine Indirect Tensile (IDT) or Lottman values of asphalt mixtures. Also it capable of using the Semi-Circular Bend (SCB) Test Fixture to calculate the fracture energy of asphalt mixtures (maximum aggregate size of 19mm) from a load-displacement curve.

Model: 1614021

1614022



1. Capacity 50 kN, 20N Accuracy.
2. High Quality 50KN S. Steel Load Cell.
3. 50mm/min (5in/min) lower plate speed.
4. Determining flow of specimen.
5. 4in Touch screen TFT display made by FAKET(UL approved).
6. Determining of TSR and IDT test.
7. Result can be seen on display after finishing test operation, the data can be transfer to PC by cable or by USB too.
8. Sturdy two S. Steel columns and nuts, adjustable crosshead.
9. The steel body was powder baked painted.
10. Breaking head or IDT testing device(Lottman test device), flow meter , Lottman device and SCB fixture should be order separately.
11. Model: 1614021, 110 V,60 Hz.,750 W, 1Ph.
12. Model: 1614022, 220 V,50Hz.,750 W, 1Ph
13. Dimension: L*W*H 700*470*1240 mm.
14. Weight: 120Kg



219 Oakdale Rd., North York, M3N 1W4, Toronto, ON, Canada

www.cantrol.com
info@cantrol.com