

MARSHALL COMPRESSION TESTER

A bench mounted compression frame with motor and worm gear housed within the base unit. A limit switch is provided for the bottom limit of travel. The machine is supplied complete with load ring, 30 kN cap., incorporating stem brake feature to hold the maximum reading. For testing 6" dia. (152.4 mm) specimens, the 82-T1009/F load ring should be used instead of the 30 kN fit on the machine. **All the load rings are provided with 0.001mm high resolution dial gauge, assuring a strict conformity to the standards.** See accessories.

The stability mould and flow meter have to be ordered separately. See accessories.

Other testing machines are available to perform the Marshall stability test, conforming to either ASTM/AASHTO or EN standards.



MARSHALL COMPRESSION TESTER

SPECIFICATION

- Max. capacity: 50 kN
- Load ring cap.: 30 kN (50 kN using the 82-T1009/F load ring. See accessories).
- Platen speed: 50.8 mm/min
- Power rating: 736 W
- Overall dimensions (h x l x d): 1028 x 392 x 560 mm
- Weight approx.: 85 kg

STANDARDS

- ASTM D1559

- ASTM D5581
- AASHTO T245
- ASTM D6927

FEATURES

- 50 kN maximum capacity, suitable for testing 4" and 6 " dia. specimens
- High precision load rings fitted with 0.001 mm resolution gauge conforming to standards

ACCESSORIES

82-T1000/F

Stem brake for load rings

76-B0031/2

Stability mould cast aluminium, open type

76-B0033/6

Stability mould for 6" (152.4 mm) diameter specimens

34-T0104/10

Compression device

76-B0033/4

Stability mould for 4" (101.6 mm) diameter specimens

76-B0034

Flow meter

82-T1000/30C

Load measuring ring 30 kN capacity with analogue dial gauge 0,01 mm

82-T1000/30M

Load measuring ring 30 kN capacity with analogue dial gauge 0,001 mm

82-T1000/50C

Load measuring ring 50 kN capacity with analogue dial gauge 0,01 mm

82-T1000/50M

Load measuring ring 50 kN capacity with analogue dial gauge 0,001 mm

ORDERING CODE

76-B0030

Marshall compression testing machine with motorized ram, two-column structure and adjustable crossbeam. Supplied without accessories. 230V/50Hz/1Ph

76-B0030/A

Marshall compression testing machine with motorized ram, two-column structure and adjustable crossbeam. Supplied with load ring 30 kN capacity with peak hold function. 230V/50Hz/1Ph

76-B0030/AY

Marshall compression testing machine with motorized ram, two-column structure and adjustable crossbeam. Supplied with load ring 30 kN capacity with peak hold function 220V/60Hz/1 Ph

76-B0030/AZ

Marshall compression testing machine with motorized ram, two-column structure and adjustable crossbeam. Supplied with load ring 30 kN capacity with peak hold function 110V/60Hz/1Ph

