

Marshall compression frames

Available models:

B042 KIT Marshall mechanical load frame

B043 KIT Marshall digital load frame

S212N-S215A Universal Multispeed load frame (see pag. 408)

S213N-S214 KIT CBR/Marshall dual speed load frame (see pag. 408)

S205 UNITRONIC load frame (see pag. 414)

section B

B042 KIT

Marshall mechanical 50 kN load frame

STANDARDS: EN 12697-34, EN 13108 / ASTM D1559, D6927-06

AASHTO T245 / BS 598:107 / NF P98-251-2

CNR N° 30

Ruggedly constructed with frame to encompass the strain and loads, easy to use, it is designed to operate with the minimum of maintenance.

Platen rate is 50.8 mm/minute also maintained under load thanks to an overpowered electric motor. The applied load is measured by a precision proving ring 30 kN capacity incorporating a stem brake holding the maximum reading and it is supplied with relevant calibration certificate. The machine includes an electric device for automatic stop when reaching the max capacity load of the proving ring, so as to prevent any overload damage, limit switches stopping the platen at max. and min. excursions.

The unit is supplied complete with load ring 30 kN capacity, stability mould flow meter with dial gauge.

Power supply: 230 V 1 ph 50 Hz 750 W

Dimensions: 410x400x1110 mm

Weight: 110 kg

SPARES:

B046N

STABILITY MOULD, 4" Ø

STANDARDS: EN, ASTM, NF, BS, CNR, AASHTO

The inside diameter is of 4" (101,6 mm).

The mould is completely open in the front and the introduction of the specimen becomes very easy thus avoiding disassembling operations.

Weight: 6 kg

B047 FLOW METER

Mounted on top of the stability mould, holding the dial gauge and incorporating a stem-brake keeping maximum deflection.

Weight: 0,5 kg

B047-01

DIAL GAUGE

Stroke 10 mm, div. 0,01 mm to be used in conjunction with the Flow Meter B047.



B042 KIT



ACCESSORIES:

B047-02

Tensile splitting device

STANDARDS: EN 12697-23 / ASTM D4123 / CNR 134

Used to measure the splitting tensile strength and the radial strain of a Marshall specimen dia 4" and 6", where a vertical load is applied. Supplied complete with knives to test specimens having dia. 4" and 6". Steel manufactured, plated against corrosion.

Dimensions: dia. 248x270 mm. - Weight: 14 kg

B047-03

Set of two dial gauges 10 mm. stroke and 0,01 mm. sens. complete with adjustable supports for strain measurements.

