



B043 KIT
Digital Marshall Tester 50 kN capacity

STANDARDS: EN 12697-34, 12697-23, 12697-12, EN 13108
ASTM D1559, D6927-06 / AASHTO T245 / BS 598:107
NF P98-251-2 / CNR N° 30

The testing frame is the same as for mod. B042 KIT, but the load is measured by an electric cell 50 kN capacity with high precision strain transducers; the flow is measured by an electronic displacement transducer 50 mm stroke and ± 0,1% linearity.

The **Cyber-Plus Evolution** 8 channels digital display unit with microprocessor (technical details: see B044N-SET page. 122, Hardware technical details: see pag. 24) measures and displays at the same time the stability in kN and the flow in mm with pick hold features with the possibility to transfer them to a PC and a printer through a RS232 port.

Supplied complete with Stability mould.

Power supply: 230 V 1 ph 50 Hz 900 W

Dimensions: 650x400x1100 mm. Weight: 120 kg

ACCESSORIES for B043 KIT:

B043-01N



SOFTWARE UTM2 (Universal Testing Machine 2)

Licence for **MARSHALL** test

Standards: EN 12697-34 / CNR N. 30 / ASTM D1559
BS 598 :107 / NF P98-251-2

Data processing program for "X-Y STABILITY/FLOW"

General description and technical details: see UTM2 pag. 14

SPARE:

B046N

STABILITY MOULD 4" Ø

STANDARDS: EN, ASTM, NF, BS, CNR

The inside diameter is 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



B046 N



B043 KIT

Note:

The Digital Marshall Tester B043KIT, completed by the specific accessories (listed below) is suitable to perform also the following tests:

Direct shear (Leutner) between bituminous strata

Standard: ALP A StB T.4

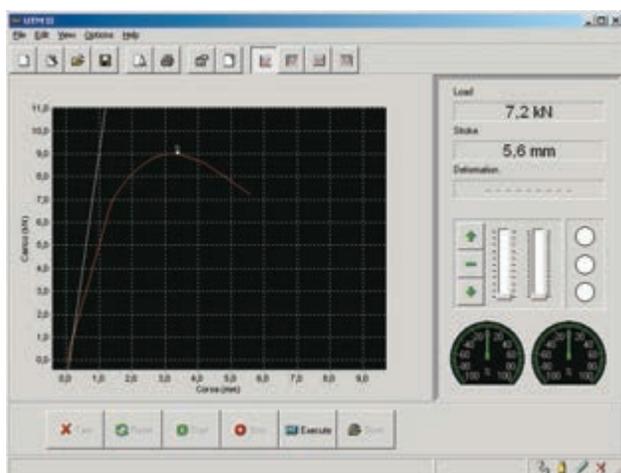
Direct shear test (LEUTNER) on the connection between bituminous strata, carried out on asphalt cylinder specimens dia. 150mm or 100mm obtained from road cores or on laboratory made specimens. Needed accessories:

B043 KIT Digital Marshall tester

B047-10 LEUTNER testing head for specimens 150mm dia.

B047-11 Spacers for 100 mm dia. specimens with Leutner head.

B043-03N Software for Marshall and Leutner tests.



B043-01N: Load/deformation "x-y" graphic exemple



B047-10 + B047-11

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