

Models:

RT-MA-003 – Automatic Marshall Compactor

Accessories:

RT-MA-003/zC – Soundproof Safety Cabinet for Automatic Marshall Compactor
 RT-MA-003/zH6 – Conversion Kit for compaction of d 152.4 mm specimens
 RT-MA-003/zM4 – Marshall Compaction Mould d 101.6 mm including collar and base plate
 RT-MA-003/zM4B – Marshall Compaction Mould d 101.6 mm
 RT-MA-003/zM4C – Marshall Compaction Collar for mould d 101.6 mm
 RT-MA-003/zM4P – Marshall Compaction Base Plate for mould d 101.6 mm
 RT-MA-003/zSP4 – Storage Plate for 6 Marshall specimens d 101.6 mm
 RT-MA-003/zB4 – Steel Block for initial heating of hammer foot, d 102 x 50 mm
 RT-MA-003/zM6 – Marshall Compaction Mould d 152.4 mm including collar and base plate
 RT-MA-003/zM6B – Marshall Compaction Mould d 152.4 mm
 RT-MA-003/zM6C – Marshall Compaction Collar for mould d 152.4 mm
 RT-MA-003/zM6P – Marshall Compaction Base Plate for mould d 152.4 mm
 RT-MA-003/zSP6 – Storage Plate for 6 Marshall specimens d 152.4 mm
 RT-MA-003/zB6 – Steel Block for initial heating of hammer foot, d 154 x 50 mm

Related products:

RT-MG-007/M – Universal Specimen Extruder
 RT-MG-007/H – Universal Motorized Specimen Extruder

Standards:

EN 12697-10, EN 12697-30

Description:

RT-MA-003 is an automatic Marshall compactor with wooden pedestal fully complies with EN 12697-30 and ensures uniform compaction.

The control unit includes digital counter to set the required number of blows and automatic stop after the preset number of blows.

RT-MA-003 is equipped with a motorized drive to rise and down the hammer and locking assembly that fix the mould in place and reduces the mould vibration during compaction.

All moving parts are protected with safety guard, which stops automatically the compactor when opened, and the control panel is fit with an emergency stop red button, all conforming to CE prescriptions.

The automatic Marshall compactor can be supplied with a conversion kit for compaction of d 152.4 mm specimens and safety/noise reduction cabinet.

The compactor includes the hardwood block 200x200x450 mm and vibrated concrete block 450x450x200 mm. Marshall moulds, blocks for initial heating the hammer foot and storage plate for specimens should be ordered separately.

Technical specifications:

Blows frequency	50 blows in 55-60 s
Sliding mass weight	4535 ± 10 g / 10210 ± 10 g with RT-MA-003/zH6
Free fall height	457 ± 3 mm
Hardwood block density	720 ± 30 kg/m ³
Overall dimensions (LxWxH)	450x610x2100 mm / 700x830x2300 mm with RT-MA-003/zC
Overall weight (approx.)	250 kg / 370 kg with RT-MA-003/zC
Power supply	220-230 V, 50 Hz, 1 Ph

