

Product Code

UTAS-0786A Automatic Marshall Compactor with Stationary Base for 4", 6" dia Specimens, ASTM

UTAS-0787A Automatic Marshall Compactor with Stationary Base for 4", 6" dia. Specimens with Soundproof Safety Cabinet, ASTM

UTAS-0668 Marshall Steel Block, Ø154 and 50 mm height

UTAS-0789A Ø6" Hammer for UTAS-0786A and UTAS-0787A

UTAS-0641A Marshall Compaction Mould ASTM 4" UTAS-

0646A Marshall Compaction Mould ASTM 6"

Models for 220-240V 50 Hz, 1 ph.	UTC-0786A-T	UTC-0787A-T
Models for 110-120V 60 Hz, 1 ph.	UTC-0786A-N	UTC-07867-
Models for 220-240V 60 Hz, 1 ph.	UTC-0786A-K	N UTC-07867-K

Standards

ASTM D 1559 , ASTM D 6926 D5581; AASHTO T245

UTAS-0786A and UTAS-0787A Automatic Marshall Compactors are designed for the preparation of 4" and 6" bituminous specimens with the same device for Marshall Stability tests

The compactors have a heavy-duty design that withstands the continuous shaking caused by the compaction process and they are equipped with a hand operated mould fixing mechanism which locks the mould in place during compaction and reduces vibration of the moulds.

UTAS-0786A and UTAS-0787 Automatic Marshall Compactors are supplied complete 4" hammer. These compactors can easily be altered later to accommodate the 6" size by purchasing 6" hammer and molds. 6" hammer and the moulds (4" or/and 6") should be ordered separately.

The number of blows entered in the control panel by the user is applied automatically. By selecting the 55 blow, these compactors comply with ASTM D6926-16 and apply a speed of 55 ± 5 compaction blows per minute to a 4" specimens. Also these compactors comply with ASTM D5581 and apply between 75 and 112 compaction blows to 6" specimens.

The conveniently positioned control panel comprises of start/stop button, emergency stop button and a direct reading counter used to set the required number of blows.

The operator can keep track of the number of blows on an LCD display.

The apparatus stops automatically after the preset number of blows.

The standard models can be supplied with a safety/noise reduction cabinet. The cabinet is lined internally with soundproofing material to reduce sound level conforming to CE directives.

UTAS-0668 Marshall Steel Blocks which can be used for initial heating of the foot of compaction hammer and Marshall moulds should be ordered separately.

Technical Specifications

Mould Dia.	Sliding Weight	Falling Height
4"	4536 ± 9 gr (10 ± 0.02 -lb)	$457,2 \pm 1,5$ mm (18 ± 0.06 in)
6"	10210 ± 10 gr (22.50 ± 0.02 lb)	$457,2 \pm 2,5$ mm (18.0 ± 0.1 in)

Product Code	UTAS-0786A	UTAS-0683E
Dimensions	377x485x1920 mm (14,84"x19,1"x75,6")	750x750x1975 mm (29,53"x29,53"x77,76")
Weight (approx.)	180 kg (397 lb)	320 kg (706 lb)



UTAS-0786A

