



## Product Code

- UTAS-0782A Automatic Marshall Compactor for Ø4" Specimens. ASTM. Stationary Based.
- UTAS-0783A Automatic Marshall Compactor for Ø4" Specimens. ASTM. Stationary Based and Soundproof Cabined.
- UTAS-0667 Marshall Steel Block, Ø102 and 50 mm height
- UTAS-0641E Marshall Compaction Mould ASTM Ø4"

|                                  |              |              |
|----------------------------------|--------------|--------------|
| Models for 220-240V 50 Hz, 1 ph. | UTAS-0682E-T | UTAS-0683E-T |
| Models for 110-120V 60 Hz, 1 ph. | UTAS-0682E-N | UTAS-0683E-N |
| Models for 220-240V 60 Hz, 1 ph. | UTAS-0682E-K | UTAS-0683E-K |

## Standards

ASTM D 1559 , ASTM D 6926; AASHTO T245

Automatic Marshall Compactor is designed to provide a stable and rigid mechanism to be used for preparation of bituminous specimens for Marshall Stability tests.

UTAS-0782A Compactor for compaction of Ø4" dia. specimens features a heavy-duty design, which stands up well to the constant jarring caused by the compaction process. The compactors are equipped with a hand operated mould fixing mechanism which locks the mould in place during compaction and reduces vibration of the mould

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.

By selecting the 55 or 64 blow, the compactors with product code "N" or "K" apply a speed of 55±5 or 64±4 blows per minute to Ø4" specimens. And also any number of blows entered by the user into the control panel is applied automatically, the compactor stops automatically after the presetted number of blows. The blow numbers can be seen on the counter

The compactors with product code "T" apply a speed of 55±5 blows per minute to 4" specimens. And also any number of blows entered by the user into the control panel is applied automatically, the compactor stops automatically after the presetted 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-0667 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

|                   |              |
|-------------------|--------------|
| Sliding Weight    | 4536 ± 9 gr  |
| Falling Height    | 457,2±1,5 mm |
| Tamping Face Dia. | 98,5 mm      |

|                  | UTAS-0782A      | UTAS-0783A      |
|------------------|-----------------|-----------------|
| Dimensions       | 400x440x1550 mm | 550x550x1650 mm |
| Weight (approx.) | 110 kg          | 250kg           |