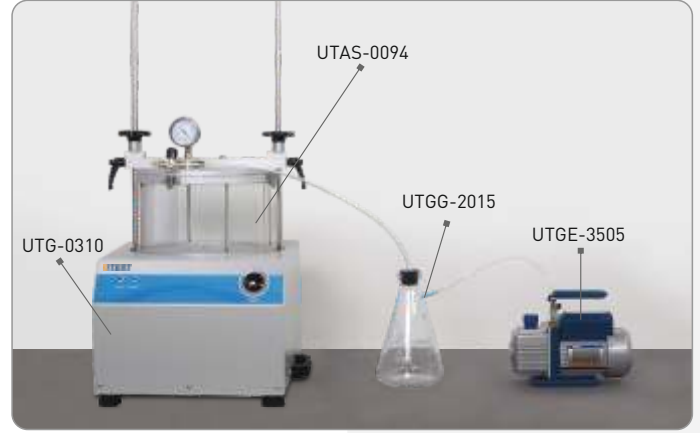




## Product Code

UTAS-0093	Vacuum Pycnometer (Yale Pycnometer) for Rice Test 4.3L, Aluminium
UTAS-0094	Large Size Heavy Duty Vacuum Pycnometer (Yale Pycnometer) for Rice Test, 10 L
UTG-0310	Vibro-Deaerator, Timer Controlled
UTGE-3505	Vacuum Pump, 51 lt/min Capacity, 220-240 V 50-60 Hz, 1ph
UTGE-3530	Dual Stage Vacuum Pump 128 lt/min Capacity, 220-240 V 50-60 Hz, 1ph
UTGE-3552	Vacuum Gauge, Analog, -100 kPa, 1 kPa graduated, dia: Ø 63 mm,
UTGE-3570	Air Drying Unit/ Water Trap, Vacuum Type
UTGG-2016	Filter Flask for Vacuum, 2000 ml



Models for 220-240V 50-60 Hz, 1 ph.	UTG-0310
Models for 110-120V 60 Hz, 1 ph.	UTG-0310-N

## Standards

ASTM D2041; EN 12697-5

The Vacuum Pyknometers (Yale Pycnometer) are used for determining the theoretical maximum specific gravity and density of compacted or non-compacted bituminous paving mixtures (voidless mass).

Percent air voids in compacted bituminous mixtures and the amount of bitumen absorbed by the aggregates can also be calculated with the test.

UTAS-0093 consists of a 4,3 liter aluminium container, a transparent vacuum lid and a aluminium volumetric lid.

UTAS-0094 consists of a 10 liter transparent plastic container, an aluminium vacuum lid and a transparent plastic plate.

To complete the test, vibro-deaerator (UTG-0130), vacuum pump, vacuum gauge (UTGE-3552), 2 pcs. filter flask (UTGG-2016) or air drying unit / water trap (UTGE-3570) should be ordered separately, in addition to UTAS-0093 or UTAS-0094.

Vacuum Pumps are supplied with 3m plastic tube (Ø8mm OD, -UTGP-1440) and an auto-nipple.

UTGE-3552 Vacuum gauge, analog, scale range (-100/0 kPa), accuracy (1.0 % of scale range), 1 kPa graduated, Ø63 mm. Supplied with a valve, 4-way dispenser muffler and its hanger.

Product Code	External Dimensions	Weight (approx.)
UTAS-0093	210x210x350 cm	7 kg
UTAS-0094	300x300x450 cm	7 kg
UTG-0310	500x500x320 cm	90 kg
UTGE-3505	290x290x220 cm	7 kg
UTGE-3530	340x140x240 cm	10 kg