



Product Code

UTGE-0086 Motorized Hydraulic Specimen Extruder Vertical Type, 60 kN Capacity

Models for 220-240V 50-60 Hz, 1 ph.	UTGE-0086
Models for 110-120V 60 Hz, 1 ph.	UTGE-0086-N

Standards

EN 13286-2, 13286-47, 12697-30; AASHTO T134, T180, T193, T245; ASTM D698, D1557, D1883, D1559; BS 1377-4, 1924-2, 598-107

The UTGE-0086 Motorised Hydraulic Extruder, Vertical Type is designed for extruding specimens from 50 mm (2") to 125 mm (5") (outer dia.) shelly sample tubes and moulds such as proctor, CBR and marshall moulds. Also useful for sampling and removing uniaxial and triaxial test specimens to/from the cutters inner dia. from 38 mm to 100 mm.

The Extruder has 60 kN capacity and 650 mm ram travel. The hydraulic piston can be stopped at any position during the extraction.

To remove the sample from the shelly tubes, the adapter sets of different sizes on the table in next page of UTGE-0082 should be ordered separately.



The Motorized Hydraulic Extruder is supplied complete with;

- Adapter sets for $\varnothing 100$ mm (4") and $\varnothing 150$ mm (6") inner dia. moulds
- Flanges and head sets for $\varnothing 38$ mm, $\varnothing 50$ mm, $\varnothing 70$ mm and 100mm (only flange) inner dia. cutters.

Capacity	60 kN
Ram Travel	650 mm
Dimensions	550x730x2010 mm
Weight (approx.)	190 kg
Power	750 W

For UTS-0086

Code	Adaptor Set Description	Included Components
UTGE-0110	Adaptor Set for 2" (50,8mm) Outer Dia Shelby Tubes.	Includes a ring with 48,5mm ID. and an extruder head with $\varnothing 43,5$ mm.
UTGE-0112	Adaptor Set for 2 1/2" (63,5 mm) Outer Dia Shelby Tubes.	Includes a ring with 61mm ID. and an extruder head with $\varnothing 56$ mm.
UTGE-0114	Adaptor Set for 3" (75 mm) Outer Dia Shelby Tubes.	Includes a ring with 72mm ID. and an extruder head with $\varnothing 67$ mm.
UTGE-0116	Adaptor Set for 3 1/4" (83 mm) Outer Dia Shelby Tubes.	Includes a ring with 79,5mm ID. and an extruder head with $\varnothing 74,5$ mm.
UTGE-0118	Adaptor Set for 3 1/2" (88,9 mm) Outer Dia Shelby Tubes.	Includes a ring with 85mm ID. and an extruder head with $\varnothing 80$ mm.
UTGE-0120	Adaptor Set for 100 mm Outer Dia Shelby Tubes.	Includes a ring with 96mm ID. and an extruder head with $\varnothing 91$ mm.
UTGE-0122	Adaptor Set for $\varnothing 4$ " (101,6 mm) Outer Dia Shelby Tubes.	Includes a ring with 97,5mm ID. and an extruder head with $\varnothing 92,5$ mm.
UTGE-0124	Adaptor Set for 4 1/2" (114,3 mm) Outer Dia Shelby Tubes.	Includes a ring with 109mm ID. and an extruder head with $\varnothing 104$ mm.
UTGE-0125	Adaptor Set for 5" (125 mm) Outer Dia Shelby Tubes.	Includes a ring with 119mm ID. and an extruder head with $\varnothing 114$ mm.