



## Product Code

**UTGE-0082** Hand Operated Hydraulic Specimen Extruder,  
Vertical Type, 60 kN Capacity

## 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-0082 Hand Operated Hydraulic Extruder 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 extrusion force and 650 mm ram travel.

To remove the sample from the shelly tubes, adapter sets of different sizes in the table below should be ordered separately.

Supplied complete with;

- Adapter sets for Ø150 mm (6") and Ø100 mm (4") inner dia. moulds
- Flanges and head sets for Ø38 mm, Ø50 mm, Ø70 mm and 100 mm (only flange) inner dia. cutters.



|                  |                        |
|------------------|------------------------|
| Dimensions       | 470x650x1900 mm (case) |
| Weight (approx.) | 82 kg                  |

## For UTS-0082

|           |                                                           |                                                                    |
|-----------|-----------------------------------------------------------|--------------------------------------------------------------------|
| UTGE-0110 | Adaptor Set for 2" (50,8mm) Outer Dia Shelby Tubes.       | Includes a ring with 48,5mm ID. and an extruder head with Ø43,5mm. |
| 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 Ø56mm.     |
| UTGE-0114 | Adaptor Set for 3" (75 mm) Outer Dia Shelby Tubes.        | Includes a ring with 72mm ID. and an extruder head with Ø67mm.     |
| 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 Ø74,5mm. |
| 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 Ø80mm.     |
| UTGE-0120 | Adaptor Set for 100 mm Outer Dia Shelby Tubes.            | Includes a ring with 96mm ID. and an extruder head with Ø91mm.     |
| UTGE-0122 | Adaptor Set for Ø4" (101,6 mm) Outer Dia Shelby Tubes.    | Includes a ring with 97,5mm ID. and an extruder head with Ø92,5mm. |
| 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 Ø104mm.   |
| UTGE-0125 | Adaptor Set for 5" (125 mm) Outer Dia Shelby Tubes.       | Includes a ring with 119mm ID. and an extruder head with Ø114mm.   |