SOIL > SHEAR STRENGTH

TRIAXIAL TESTING MACHINE (Automatic)

Code : T333



- Loadcell : Submersible - 5 / 25 / 50 kN (Different Capacities available upon request)
- Pressure Actuators : 1800 kPa (each cell and pore PVA)
- Can perform UCS and UU, CU, CD Triaxial Tests on soil specimens with diameter up to 70 / 100 / 150 mm
- With specific accessories (ordered separately); CBR, Unsaturated triaxial tests and flexible wall permeability can be performed with this machine

STANDARDS

ASTM D2850 • D4767 • D7181 • D2166 • D1883

SUPPLIED WITH

- State-of-the-art PC software that helps performing the required tests in either full automatic or full manual modes with wide ranges of test modes and selections to suite both commercial and academic (research) users, offering fully customizable test report with Mohr s Circle and Other Soil Parameters calculations.
- Suction Tubes
- Valve Connections (4-4 mm / 6-6 mm)
- Connections (4-4 mm / 4-6 mm / 6-6 mm)
- Spare Hose (4 mm x 5 m)
- Spare Hose (6 mm x 5 m)
- Hose Cutter
- End Plates for UCS
- Filter Paper
- Spare O-Rings for Base Plate
- Water Trap with Necessary Connections
- Vacuum Pump (Dual stage) with Necessary Connections

ACCESSORIES

Accessories for each sample diameter must be ordered separately, each set consists of:

- Cutting Mould
- Membrane Placement Mould (Suction Mould)
- Latex Membrane
- Split Compaction Mould
- Compacting Bar with Plexiglass Collar
- End-Plates
- Porous Stones
- O-Rings Set
- O-Ring Stretcher

- Pedestal (with 2 holes)
- Top Cap (with 1 hole)

ORDERING INFORMATION

Item Name	Item Code
FULLY AUTOMATIC TRIAXIAL TEST APPARATUS (up to Ø 70 mm)	T333A07XU
FULLY AUTOMATIC TRIAXIAL TEST APPARATUS (up to Ø 100 mm)	T333A10XU
FULLY AUTOMATIC TRIAXIAL TEST APPARATUS (up to Ø 150 mm)	T333A15XU
UNSATURATED TRIAXIAL UPGRADE PACK	T333P001H
TRIAXIAL VALVE CONNECTION (Ø 4 mm to Ø 4 mm)	T333P002H
TRIAXIAL VALVE CONNECTION (Ø 4 mm to Ø 6 mm)	T333P003H
TRIAXIAL VALVE CONNECTION (Ø 6 mm to Ø 6 mm)	T333P004H
TRIAXIAL QUICK CONNECT (Ø 4 mm to Ø 4 mm)	T333P005H
TRIAXIAL QUICK CONNECT (Ø 4 mm to Ø 6 mm)	T333P006H
TRIAXIAL QUICK CONNECT (Ø 6 mm to Ø 6 mm)	T333P007H
TRIAXIAL SPARE HOSE Ø 4 mm x 5 m	T333P008H
TRIAXIAL SPARE HOSE Ø 6 mm x 5 m	T333P009H
TRIAXIAL HOSE CUTTER	T333P010H
TRIAXIAL FILTER PAPER PACK - Ø 125 mm	T333P011H
TRIAXIAL O-RING SET for PEDESTAL	T333P012H
TRIAXIAL WATER TRAP - COMPLETE	T333P013H
TRIAXIAL SUCTION TUBES	T333P014H
TRIAXIAL MEMBRANE - Ø 38 mm	T333P015H
TRIAXIAL CUTTING MOULD for Ø 38 mm	T333P016H
TRIAXIAL SUCTION MOULD (Membrane Placement) for Ø 38 mm	T333P017H

TRIAXIAL SPLIT COMPACTION MOULD for Ø 38 mm	T333P018H
TRIAXIAL COMPACTING BAR with PLEXIGLASS STOPPER for Ø 38 mm	T333P019H
TRIAXIAL PLEXIGLASS END-PLATES for Ø 38 mm	T333P020H
POROUS STONES for Ø 38 mm (Set of 2)	T333P021H
TRIAXIAL O-RING SET for Ø 38 mm	T333P022H
TRIAXIAL O-RING STRETCHER for Ø 38 mm	T333P023H
TRIAXIAL END-PLATES for UCS TEST for Ø 38 mm	T333P024H
TRIAXIAL PEDESTAL for Ø 38 mm	T333P025H
TRIAXIAL TOP CAP for Ø 38 mm	T333P026H
TRIAXIAL MEMBRANE - Ø 50 mm	T333P027H
TRIAXIAL CUTTING MOULD for Ø 50 mm	T333P028H
TRIAXIAL SUCTION MOULD (Membrane Placement) for Ø 50 mm	T333P029H
TRIAXIAL SPLIT COMPACTION MOULD for Ø 50 mm	T333P030H
TRIAXIAL COMPACTING BAR with PLEXIGLASS STOPPER for Ø 50 mm	T333P031H
TRIAXIAL PLEXIGLASS END-PLATES for Ø 50 mm	T333P032H
POROUS STONES for Ø 50 mm (Set of 2)	T333P033H
TRIAXIAL O-RING SET for Ø 50 mm	T333P034H
TRIAXIAL O-RING STRETCHER for Ø 50 mm	T333P035H
TRIAXIAL END-PLATES for UCS TEST for Ø 50 mm	T333P036H
TRIAXIAL PEDESTAL for Ø 50 mm	T333P037H
TRIAXIAL TOP CAP for Ø 50 mm	T333P038H
TRIAXIAL MEMBRANE - Ø 70 mm	T333P039H
TRIAXIAL CUTTING MOULD for Ø 70 mm	T333P040H
TRIAXIAL SUCTION MOULD (Membrane Placement) for Ø 70 mm	T333P041H
TRIAXIAL SPLIT COMPACTION MOULD for Ø 70 mm	T333P042H

TRIAXIAL COMPACTING BAR with PLEXIGLASS STOPPER for Ø 70 mm	T333P043H
TRIAXIAL PLEXIGLASS END-PLATES for Ø 70 mm	T333P044H
POROUS STONES for Ø 70 mm (Set of 2)	T333P045H
TRIAXIAL O-RING SET for Ø 70 mm	T333P046H
TRIAXIAL O-RING STRETCHER for Ø 70 mm	T333P047H
TRIAXIAL END-PLATES for UCS TEST for Ø 70 mm	T333P048H
TRIAXIAL PEDESTAL for Ø 70 mm	T333P049H
TRIAXIAL TOP CAP for Ø 70 mm	T333P050H
TRIAXIAL MEMBRANE - Ø 100 mm	T333P051H
TRIAXIAL CUTTING MOULD for Ø 100 mm	T333P052H
TRIAXIAL SUCTION MOULD (Membrane Placement) for Ø 100 mm	T333P053H
TRIAXIAL SPLIT COMPACTION MOULD for Ø 100 mm	T333P054H
TRIAXIAL COMPACTING BAR with PLEXIGLASS STOPPER for Ø 100 mm	T333P055H
TRIAXIAL PLEXIGLASS END-PLATES for Ø 100 mm	T333P056H
POROUS STONES for Ø 100 mm (Set of 2)	T333P057H
TRIAXIAL O-RING SET for Ø 100 mm	T333P058H
TRIAXIAL O-RING STRETCHER for Ø 100 mm	T333P059H
TRIAXIAL END-PLATES for UCS TEST for Ø 100 mm	T333P060H
TRIAXIAL PEDESTAL for Ø 100 mm	T333P061H
TRIAXIAL TOP CAP for Ø 100 mm	T333P062H
TRIAXIAL MEMBRANE - Ø 150 mm	T333P063H
TRIAXIAL CUTTING MOULD for Ø 150 mm	T333P064H
TRIAXIAL SUCTION MOULD (Membrane Placement) for Ø 150 mm	T333P065H
TRIAXIAL SPLIT COMPACTION MOULD for Ø 150 mm	T333P066H
TRIAXIAL COMPACTING BAR with PLEXIGLASS STOPPER for Ø 150 mm	T333P067H

TRIAXIAL PLEXIGLASS END-PLATES for Ø 150 mm	T333P068H
POROUS STONES for Ø 150 mm (Set of 2)	T333P069H
TRIAXIAL O-RING SET for Ø 150 mm	T333P070H
TRIAXIAL O-RING STRETCHER for Ø 150 mm	T333P071H
TRIAXIAL END-PLATES for UCS TEST for Ø 150 mm	T333P072H
TRIAXIAL PEDESTAL for Ø 150 mm	T333P073H
TRIAXIAL TOP CAP for Ø 150 mm	T333P074H
ELECTRONIC CONTROLLING UNIT for T333A	T333P075H
TRIAXIAL CELL (up to Ø 70 mm) for T333A	T333P076H
BENDER ELEMENT CAPS for Ø 50 mm (Set of 2)	T333P077H
TRIAXIAL ACCESSORIES for Ø 38 mm SPECIMEN	T333X038H
TRIAXIAL ACCESSORIES for Ø 50 mm SPECIMEN	T333X050H
TRIAXIAL ACCESSORIES for Ø 70 mm SPECIMEN	T333X070H
TRIAXIAL ACCESSORIES for Ø 100 mm SPECIMEN	T333X100H
TRIAXIAL ACCESSORIES for Ø 150 mm SPECIMEN	T333X150H