

Product Code

UTSP-0350.FPR Manhole Tops and Gully Top Testing Machine, 1000 kN, 220-240V, 50-60V, 1ph

UTSP-0350.SVDL Servo Controlled Manhole Tops and Gully Tops Testing Machine, 1000 kN, 220-240V, 50-60V, 1ph

Standards

EN 124-1, 124-2, 124-3, 124-4, 124-5, 124-6



UTSP-0350.FPR testing machine has been designed for performing the tests (Permanent set test, load bearing capacity test) on manhole tops and gully tops according to EN 124-1 standard.

UTSP-0350.SVDL servo controlled testing machine has been designed for performing the tests (Permanent set test, load bearing capacity test and tilt test) on manhole tops and gully tops according to EN 124-1 standard.

The tests can be performed on manhole tops and gully tops made of cast iron, steel reinforced concrete, composite materials, polypropylene (PP) and polyethylene (PE) or unplasticized poly(vinyl chloride) (PVC-U)

UTSP-0350.FPR testing machine consists of four column 1000 kN capacity frame with dual stage piston and UTC-4840 automatic power pack controlled by U-Touch PRO Control Unit. The tests can be performed on U-Touch PRO Control Unit or the software of UTM-0350.FPR

UTSP-0350.FPR servo controlled testing machine consists of four column 1000 kN capacity frame with dual stage piston and UTC-4870.SVDL power pack with servo valve controlled by advanced motion control unit. For UTM-0350.SVDL, the tests are performed with the Utest software so the required PC is provided by the customer.

The machines are supplied with test blocks (5 pcs.), a rubber sheet of Ø75 mm, a reference bar (with a 25x0.01mm digital dial gauge and seating supports) and the Utest software (USOFT-0350.FPR or USOFT-0350.SVDL)

Capacity	1000 kN
Load measurement	Load Cell
Ram stroke	250 mm
Vertical Clearance	370 mm
Diameter of Upper loading plate	300 mm
Table size (for mounting manhole or gully top)	1500x1250 mm
Horizontal Clearance (between columns)	1300 x 382 mm
Test blocks (supplied with the machines)	Ø250 mm, Ø150 mm, Ø75 mm, Rectangular 250x150 mm, 250x75 mm

	UTSP-0350.FPR	UTSP-0350.SVDL
Dimensions	1580x1500x1685 mm (Frame) 605x455x1015 mm (Powe Pack)	1580x1500x1685 mm (Frame) 1100x700x1030 mm (Powe Pack)
Weight (approx.)	4351 kg (Frame) 150 kg (Powe Pack)	4351 kg (Frame) 210 kg (Powe Pack)