

Product Code

UTC-5630 300 kN Capacity Flexural Testing Frame C Type

Standards

EN 1338, 1339, 1340, 1341, 1343, 12390-5, 12390-6; BS 1881; ASTM C78, C293, C496

C type Flexural Testing Frame is designed for minimum deflection at maximum load resulting in very high accuracy. The load frame provides the stability needed for accurate and repeatable test results over the years of operation. The frame has a single acting down stroking ram. The return of the ram is done by spring to get maximum accuracy on the load measurement. A load cell is used for load measurements on all frames.

UTC-5630 is designed to accept all accessories required for flexural, transverse or compression tests.

The frame can be connected to any UTEST compression machine as a second frame or can be used with any UTEST power pack as an independent Flexural Machine.

The main characteristics is:

- High stability welded assembly
- Can be used for flexural strength tests of concrete paving flag and natural stone slabs, concrete or natural stone kerbs and tensile splitting test of concrete paving blocks
- Safety limit switch for 100 mm piston stroke
- High accuracy load measurement with strain gauge load cells
- Can accept wide range of accessories for mentioned standards
- Can be connected to any UTEST compression machine or UTEST power pack

Test assemblies such as;

- Flexural strength test of concrete beam (UTC-5501), concrete kerb (UTC-5502) and flagstone (UTC-5504), Indirect tensile strength test of paving block (UTC-0355 and UTC-5510), Splitting tensile strength test of concrete cubes (UTC-0360) and cylinders (UTC- 0350),
- Compression strength test of any construction material (UTM-8516) and distance pieces UTC-4630, UTC-4631, UTC-4633 and UTC-4634)

should be ordered separately.

Product Code		UTC-5630
Capacity		300 kN
Ram Travel		100 mm
Max. Vertical Clearance	with UTC-5501	165 mm
	with UTC-5502	233 mm
	with UTC-5504	140 mm
Max. Clearance Between Lower Rollers		900 mm
The Distance Between The Center of The Piston to The Side of The Frame		320 mm
Ram return by		Spring
Overall Dimensions		1100x900x1250 mm
Weight (approx.)		555 kg



UTC-5660 Frame with UTC-5502



UTC-5630 Frame with UTCM-4116