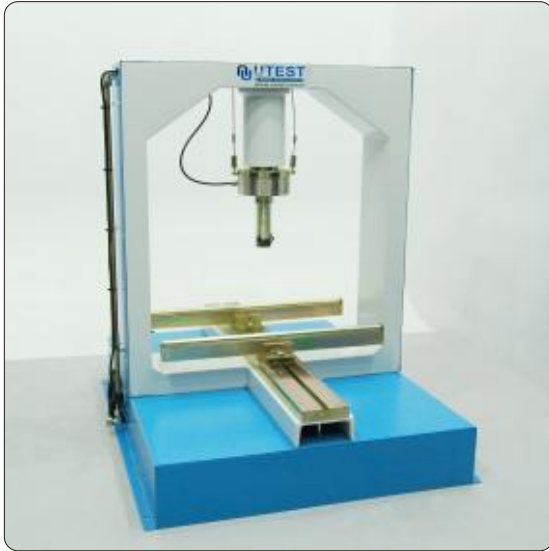


## Product Code

UTC-5600 200 kN Capacity Flexural Testing Frame U Type  
UTC-5700 300 kN Capacity Flexural Testing Frame C Type

## Standards

EN 1338, 1339, 1340, 1341, 1343, 13748-1, 13748-2, 12390-5, 12390-6; BS 1881; ASTM C78, C293, C496



UTC-5600 with UTC-5502



UTC-5700 with UTC-5501

The versatile UTEST Flexural Testing Frames are designed for minimum deflection at maximum load resulting in very high accuracy. The load frame is a welded steel fabrication carrying the ram fitted to the upper crosshead. All frames have a single acting down stroking ram with over travel switch protection to shut the machine down when maximum ram travel is reached. The return of the ram is done by dead weight or spring to get maximum accuracy on the load measurement. A load cell is used for load measurements on all frames.

Each model is designed to accept all accessories required for flexural, transverse or compression tests. UTEST Flexural Frames UTC-5600 model is 200 kN capacity U type and UTC-5700 is a 300kN C type open structure designed to allow easy and practical front loading of the specimen.

The very rigid C type design is ideal either for conventional flexural test or for more sophisticated tests such as deformability and ductility index.

The load frame provides the stability needed for accurate and repeatable test results over the years of operation.

All frames 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.

Flextural test assemblies should be ordered separately.

The main characteristics are:

- 2 different capacity high stability welded assembly
- Safety limit switch for 100 or 120 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

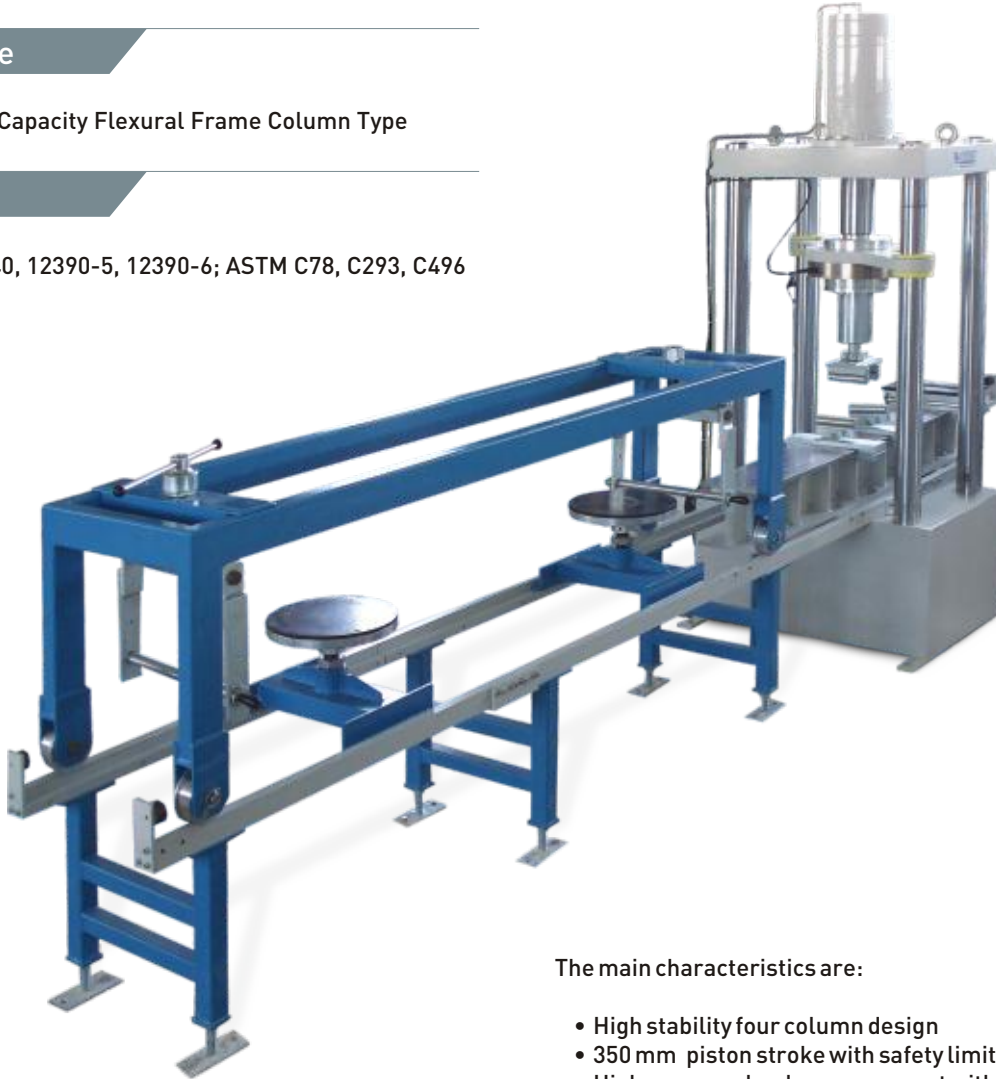
	UTC-5600	UTC-5700
Capacity	200 kN	300 kN
Ram Travel	100 mm	120 mm
Max. Vertical Clearance	425 mm (without accessories)	425 mm (without accessories)
Max. Horizontal Clearance	650 mm	640 mm
Max. Clearance Between Lower Rollers	900 mm	900 mm
The Distance Between The Center of The Piston to The Side of The Frame	--	320 mm
Overall Dimensions	1000x950x1130 mm	1100x900x1250 mm
Weight (approx.)	225 kg	555 kg

## Product Code

UTC-5800 600 kN Capacity Flexural Frame Column Type

## Standards

EN 1338, 1339, 1340, 12390-5, 12390-6; ASTM C78, C293, C496



UTEST 600 kN capacity Flexural Frame is designed for minimum deflection at maximum load resulting in very high accuracy. The load frame is a four column design carrying the ram fitted to the upper crosshead. The frame has a double acting stroking ram with over travel switch protection to shut the machine down when maximum ram travel is reached. A load cell is used for load measurements on the frame.

UTEST 600 kN capacity Flexural Frame is designed to accept all accessories required for flexural, transverse or compression tests.

The load frame provides the stability needed for accurate and repeatable test results over the years of operation.

UTEST 600 kN capacity Flexural 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.

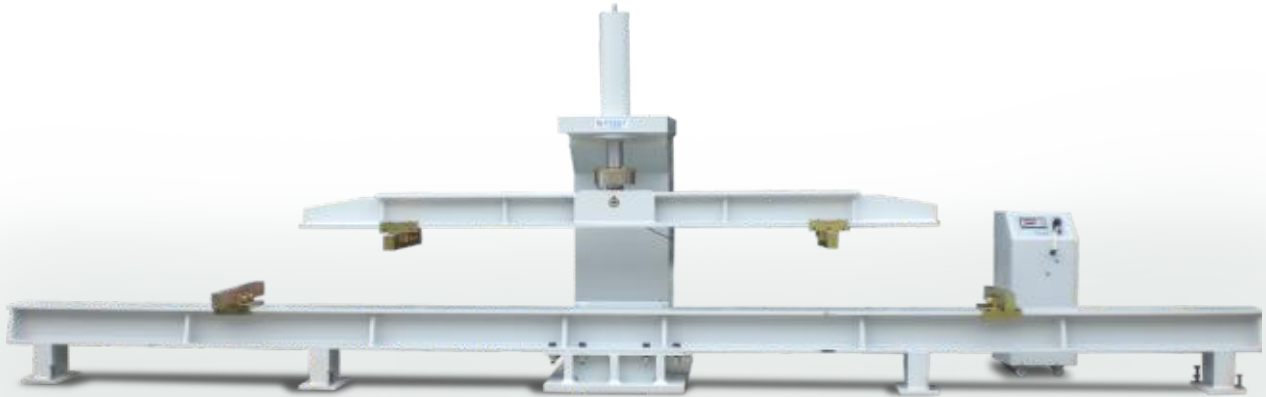
Flextural test assemblies should be ordered separately.

The main characteristics are:

- High stability four column design
- 350 mm piston stroke with safety limit switch
- High accuracy load measurement with strain gauge load cells
- Can accept wide range of accessories for mentioned standards
- The distance between lower rollers can be set up to 1400 mm
- Can be connected to any UTEST compression machine or UTEST power pack

Capacity	600 kN
Ram Travel	350 mm
Max. Vertical Clearance	930 mm (without accessories)
Max. Horizontal Clearance	640 mm
Max. Clearance Between Lower Rollers	2000 mm
Overall Dimensions	1100x2000x2650 mm
Weight (approx.)	2750 kg

A wide range of flexural testing machines to support specific requirements of clients can be custom produced. Some examples of special flextural machines and frames produced by Utest are shown below .

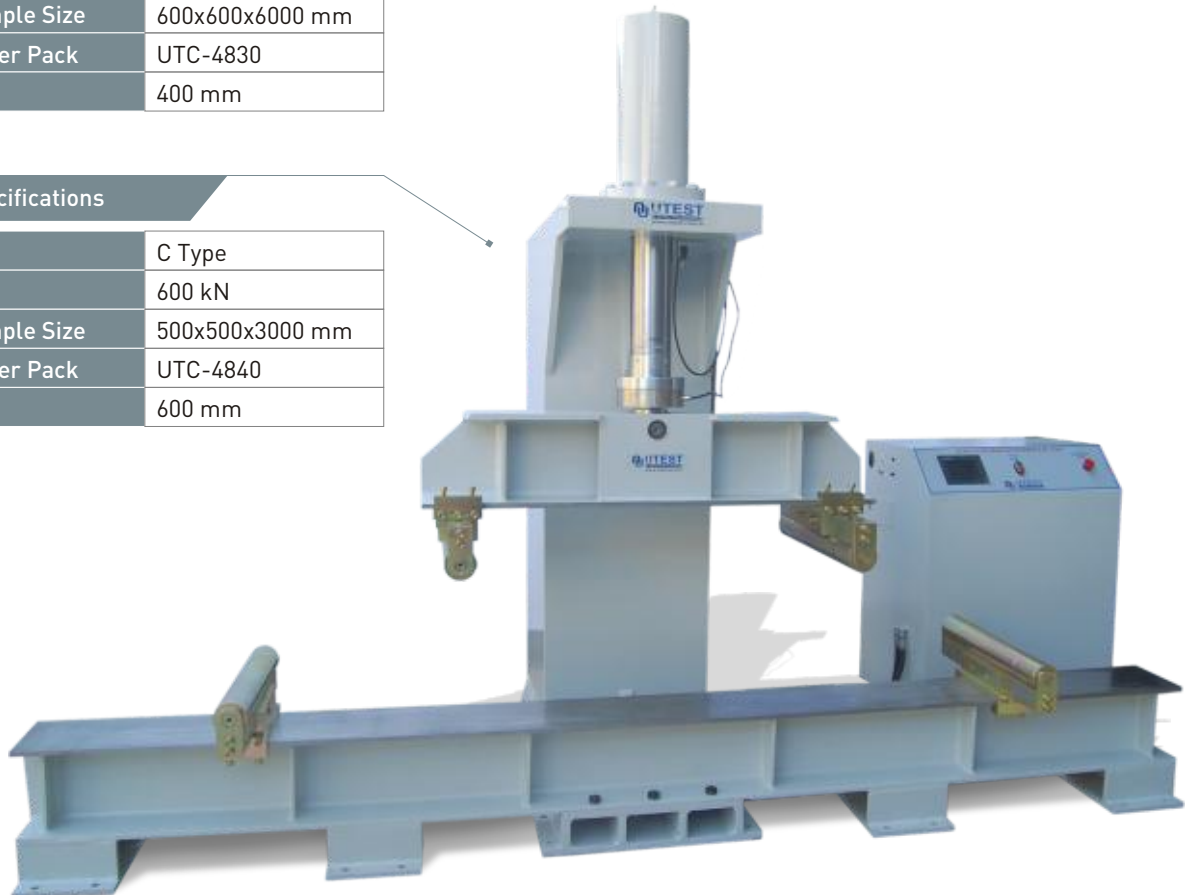


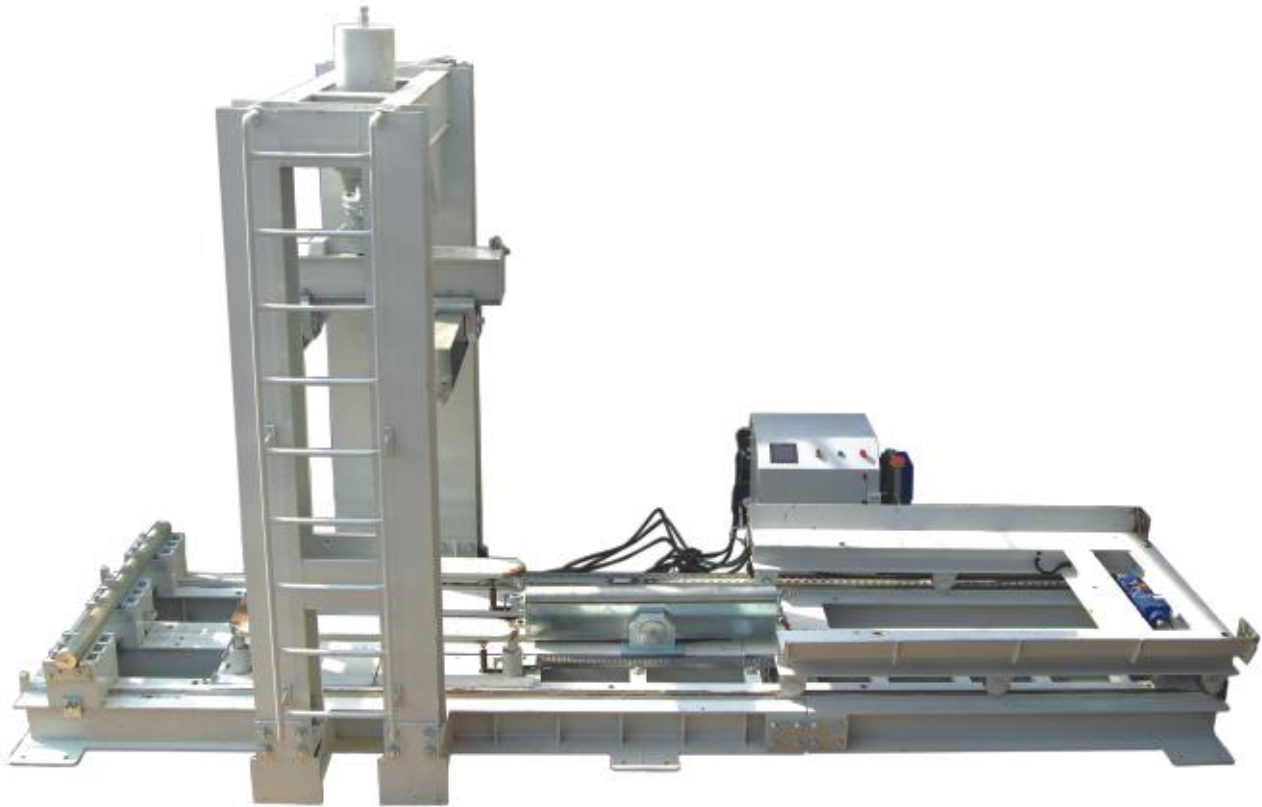
#### Technical Specifications

Frame Type	C Type
Capacity	600 kN
Maximum Sample Size	600x600x6000 mm
Hydraulic Power Pack	UTC-4830
Piston Stroke	400 mm

#### Technical Specifications

Frame Type	C Type
Capacity	600 kN
Maximum Sample Size	500x500x3000 mm
Hydraulic Power Pack	UTC-4840
Piston Stroke	600 mm





#### Technical Specifications

Frame Type	U Type
Capacity	1000 kN
Maximum Sample Size	1500x1500x6000 mm
Hydraulic Power Pack	UTC-4850
Piston Stroke	800 mm

#### Technical Specifications

Frame Type	C Type
Capacity	600 kN
Maximum Sample Size	500x500x3000 mm
Hydraulic Power Pack	UTC-4840
Piston Stroke	600 mm

