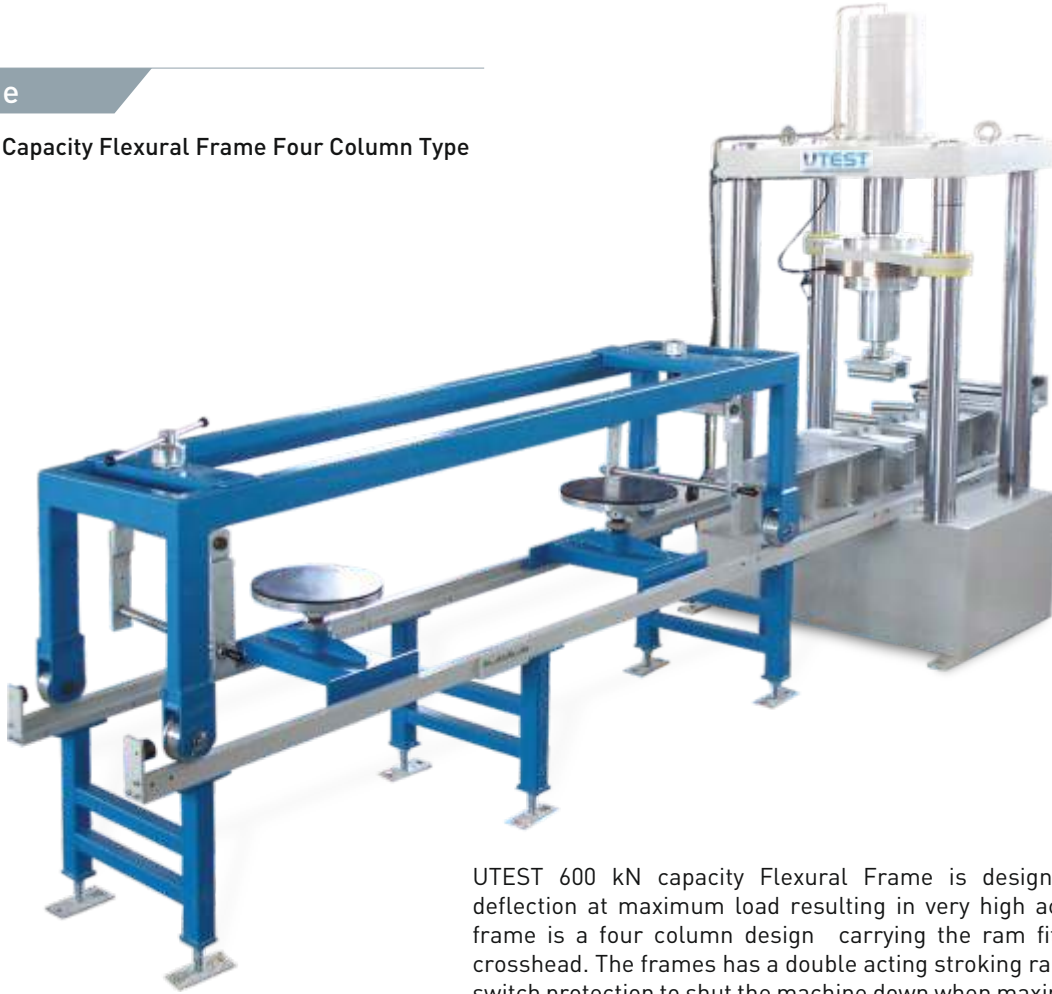




Product Code

UTC-5660 600 kN Capacity Flexural Frame Four Column Type



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 frames 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, splitting tensile or compression tests.

The equipment to place the specimens in the frame which is similar to the picture shown below should be ordered separately.

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.

The main characteristics are:

- High stability four column design
- Has the accuracy of Class 1 starting from 2% of the full capacity.
- Has special equipment to place the heavy specimens
- Can be connected to any Utest hydraulic power unit similar UTC-4840FPR
- Safety limit switch for 420 mm piston stroke

Supplied complete with;

- Special specimen placement equipment for heavy specimens,
- A scissor jack (1,5 ton capacity) for placement of heavy specimens
- Flexural testing assembly with 2 upper and 2 lower rollers (Ø40x420 mm)

Capacity	600 kN
Ram Type	Double Acting
Ram Travel	420 mm
Max. Vertical Clearance between upper and lower rollers (Ø40x420mm)	430 mm
Max. Horizontal Clearance between the columns of the frame (In the direction of the special specimen placement equipment,)	640 mm
Max. Horizontal Clearance between the columns of the frame (In the other direction)	500 mm
Max Clearance Between Lower Rollers	2360 mm
Min. Clearance Between Upper Rollers	100 mm
Max. Clearance Between Upper Rollers	400 mm
Overall Dimensions (Frame) mm	1040x2500x2810
Overall Dimensions (Frame with the special specimen placement equipment)	1040x5620x2810
Weight with the special specimen placement equipment and the scissor jack (approx.)	3000 kg