

Product Code

UTC-5501	Flexural Testing Assembly for Concrete Beams, Set of 2 upper and 2 lower rollers of 38 mm dia and 160 mm length
UTC-5502	Flexural Testing Assembly for Concrete Kerbs, Set of 2 lower roller of 38mm dia.x620mm lenght and upper load point of 40 mm dia with ball seating
UTC-5504	Flexural Testing Assembly, Set of 2 lower and 1 upper roller of 38 mm dia. and 620 mm lenght.
UTC-5506	Auxiliary Testing Frame for The Measurement of Deflection on Concrete Beams with 2 pcs. Linear Potentiometric Displacement Transducer
UTC-5507	Auxiliary Testing Frame for The Measurement of Deflection on Beams with 2 pcs. High Accurate Displacement Transducer
UTCM-1116	Upper Platen with Ball Seating Assembly Ø165 mm and Lower Platen Ø165 mm
UTC-5510	Distance Piece (Ø165 mm x 20 mm thick) for Flextural Testing Frame

Standards

EN 1338, 1339, 1340, 12390-5, 12390-6; BS 1881; ASTM C78, C293, C496, UNI10834

UTC-5501 Flexural Testing Assembly for Concrete Beams

The test assembly, conforming with EN 12390-5, ASTM C78, ASTM C293, BS 1881:118, is used for center or two-point (third-point loading-ASTM) loading flexural tests on 100 mm or 150 mm concrete beams.

Can be used with all UTEST flexural testing frames. The distance of lower rollers can be adjusted between 100 mm to 800 mm. The distance between upper rollers can be set to 100 mm or 150 mm. For center-point loading flextural test one of the rollers can be removed and the other placed in the center. The rollers dimensions are 38 mm dia.x 160 mm length.



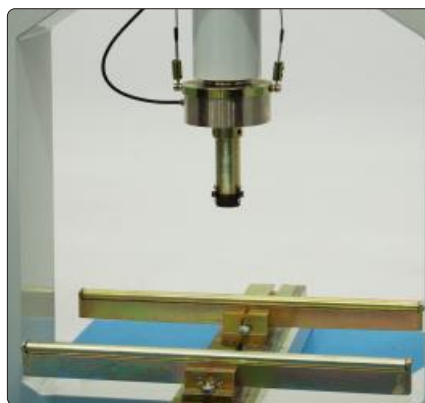
UTC-5501

Dimensions	200x200x200 mm
Weight (approx.)	16 kg

UTC-5502 Flexural Testing Assembly for Concrete Kerbs

The testing assembly, conforming with EN 1340, is used for flexural tests on concrete kerbs. The set consists of two lower rollers 38 mm dia. x 620 mm long and 40 mm dia. upper loading piston with ball seating assembly.

Can be used with all UTEST flexural testing frames. The distance of lower rollers can be adjusted between 100 mm to 800 mm.



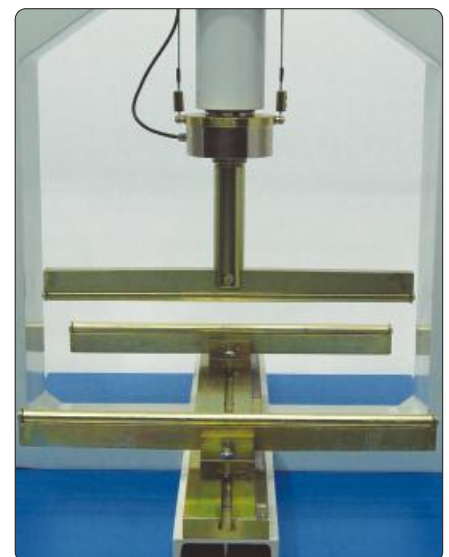
UTC-5502

Dimensions	620x250x100 mm
Weight (approx.)	17 kg

UTC-5504 Flexural Test Assembly

UTC-5504 Flexural Testing Assembly consist of two lower rollers and one upper roller of 38 mm dia. and 620 mm length is used for flexural tests on concrete paving flags and concrete terrazo tiles, natural stone kerbs and slabs. The distance of lower rollers can be adjusted between 100 mm to 800 mm. Conform with EN 1339, EN 1343, EN 12372.

For the samples with low strenght 10 kN loadcell connection flange and adaptor for the load cell should be orderd seperately .



UTC-5504

Dimensions	620x260x150 mm
Weight (approx.)	25 kg

**UTC-5506 & UTC-5507 Auxiliary Testing Frames
for The Measurement of Deflection
on Concrete Beams**

The Auxiliary testing frame is used for the measurement of deflection during the flexure test on 100x100x400/500 mm and 150x150x500/600 mm beams conforming to ASTM C1018.

The auxiliary testing frames can be used on all UTEST flexural testing frames.

For displacement controlled test, UTC-5507 Auxiliary testing frames with high accurate displacement transducers should be used with UTC-4850 or UTC-4860 advanced servo controlled automatic power packs with proportional valve units or UTC-4870 advanced servo controlled automatic power pack with servo valve.

For load controlled test, UTC-5506 Auxiliary testing frames with linear potentiometric displacement transducers or UTC-5507 Auxiliary testing frames with high accurate displacement transducers should be used with any UTEST servo controlled or automatic power packs.

UTC-5506 Auxiliary Testing Frame is supplied complete with 2 pcs. linear potentiometric displacement transducers (10mm x0,001mm UTGM-0060) and UTC-5507 Auxiliary Testing Frame is supplied complete with 2 pcs. high accurate displacement transducers (10mm x0,001mm UTGM-0072).

UTC-5501 Flexural Test Assembly for concrete beams should be ordered separately.



UTC-5506

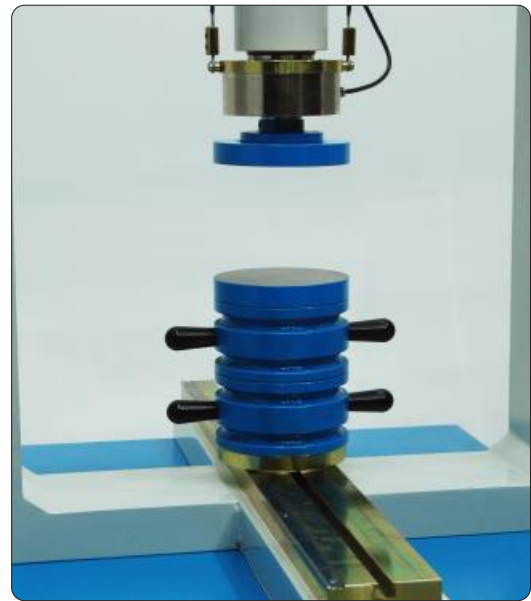
Dimensions	500x250x100 mm
Weight (approx.)	4 kg

**Spilitting Tensile Test for Concrete Paving Blocks
and Compressive Strength Test with Flexural
Testing Frames**

The test assembly is used to perform spilitting tensile test for concrete paving blocks and compressive strength tests with the Utest flexure testing frames.

The set consists of UTCM-1116 Upper Platen (with spherical seating assembly) Ø165 mm and Lower Platen Ø165 mm and UTC-5510 Distance Piece (Ø165 x 20 mm thick). For the spilitting tensile test for concrete paving blocks (EN 1338), splitting tensile test device (UTC-0355) should be ordered separately.

For the compressive strength test, depending on the height of the specimens to be tested, Ø165 mm distance pieces (15 mm: UTC-4630, 30 mm:UTC-4631, 50 mm: UTC-4633, 90 mm: UTC-4634) should be ordered separately.



UTC-5510

	Dimensions	Weight (approx.)
UTCM-1116	170x170x145 mm	9 kg
UTC-5510	210x210x30mm	2 kg
UTC-0355	240x160x320 mm	17,5 kg
UTC-4630	165x285x20 mm	2,5 kg
UTC-4631	165x285x35 mm	5 kg
UTC-4633	165x285x55 mm	8 kg
UTC-4634	165x285x95 mm	14 kg