

Safety Features

- Maximum pressure valves to avoid machine overloading
- Piston travel limit switch
- Emergency stop button
- Software controlled maximum load value

Technical Specifications

Product Code	Product Name	Dimensions (cm)	Weight (kg)	Power Supply
LT-C0600	100 kN Automatic Flexural Testing Machine, U Type	119x100x100	300	220 V, 50-60 Hz, 1 ph
LT-C0601	200 kN Automatic Flexural Testing Machine, U Type	119x100x100	325	220 V, 50-60 Hz, 1 ph
LT-C0602	300 kN Automatic Flexural Testing Machine, U Type	119x100x100	400	220 V, 50-60 Hz, 1 ph
LT-C0610	300 kN Automatic Flexural Testing Machine, C Type	128x110x125	655	220 V, 50-60 Hz, 1 ph
LT-C0611	400 kN Automatic Flexural Testing Machine, C Type	128x110x125	700	220 V, 50-60 Hz, 1 ph
LT-C0620	200 kN Automatic Flexural Testing Machine, Two Column	152x60x109	600	220 V, 50-60 Hz, 1 ph
LT-C0621	300 kN Automatic Flexural Testing Machine, Two Column	152x60x109	600	220 V, 50-60 Hz, 1 ph
LT-C0622	400 kN Automatic Flexural Testing Machine, Two Column	152x60x109	600	220 V, 50-60 Hz, 1 ph
LT-C0600/1	100 kN Flexural Testing Frame, U Type	81x100x100	200	---
LT-C0601/1	200 kN Flexural Testing Frame, U Type	81x100x100	225	---
LT-C0602/1	300 kN Flexural Testing Frame, U Type	81x100x100	300	---
LT-C0610/1	300 kN Flexural Testing Frame, C Type	90x110x125	555	---
LT-C0611/1	400 kN Flexural Testing Frame, C Type	90x110x125	600	---
LT-C0620/1	200 kN Flexural Testing Frame, Two Column	114x60x109	500	---
LT-C0621/1	300 kN Flexural Testing Frame, Two Column	114x60x109	500	---
LT-C0622/1	400 kN Flexural Testing Frame, Two Column	114x60x109	500	---
LT-C0225	Hydraulic Power Pack and Digital Data Acquisition & Control System	38x36x92	100	220 V, 50-60 Hz, 1 ph
LT-C0226	Hydraulic Power Pack	38x36x92	100	220 V, 50-60 Hz, 1 ph
LT-C0227	Digital Data Acquisition & Control System	---	---	220 V, 50-60 Hz, 1 ph
LT-G8031	Load Cell, 10 kN capacity	---	---	---
LT-G8032	Load Cell, 20 kN capacity	---	---	---
LT-G8033	Load Cell, 30 kN capacity	---	---	---
LT-G8034	Load Cell, 40 kN capacity	---	---	---
LT-C0228	High Precision Pressure Transducer (optional)	---	---	---
LT-C0229	Software	---	---	---
LT-G0800	Computer & Printer	---	---	220 V, 50-60 Hz, 1 ph

FLEXURAL TESTING FRAMES

STANDARDS: EN 1338, 1340, 12390-5, 12390-6, BS 1881, ASTM C78, C293, C496

The multipurpose LIYA 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 steel base. All Frames have a single acting up stroking ram with over travel switch protection to stop the machine when maximum ram travel is reached. A load cell is used for load measurements on all frames.

Flexural Frames are designed to accept all accessories required for flexural or compression tests.

Flexural Frames are 100 kN, 200 kN, 300 kN capacity U Type, 300 kN, 400 kN capacity C Type and 200 kN, 300 kN, 400 kN capacity two column 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.



LT-C0601-1

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

Flexural test assemblies should be ordered separately.

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

The main characteristics are:

- High stability welded assembly
- High accuracy load measurement with load cells
- Can accept wide range of accessories for mentioned standards
- Can be connected to LIYA Compression Machine or Hydraulic Power Pack

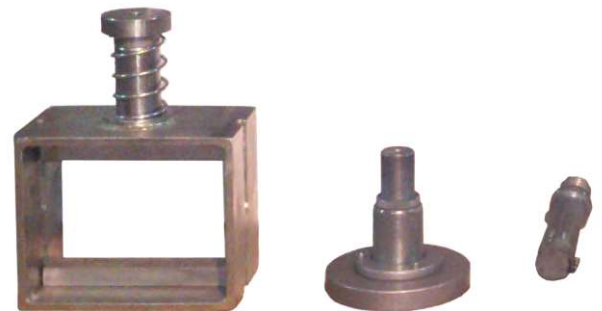


LT-C0610-1



LT-C0621/1

LT-C0225



Technical Specifications

Product Code	Product Name	Dimensions (cm)	Weight (kg)
LT-C0600/1	100 kN Flexural Testing Frame, U Type	81x100x100	200
LT-C0601/1	200 kN Flexural Testing Frame, U Type	81x100x100	225
LT-C0602/1	300 kN Flexural Testing Frame, U Type	81x100x100	300
LT-C0610/1	300 kN Flexural Testing Frame, C Type	90x110x125	555
LT-C0611/1	400 kN Flexural Testing Frame, C Type	90x110x125	600
LT-C0620/1	200 kN Flexural Testing Frame, Two Column	114x60x109	500
LT-C0621/1	300 kN Flexural Testing Frame, Two Column	114x60x109	500
LT-C0622/1	400 kN Flexural Testing Frame, Two Column	114x60x109	500
LT-C0240	Load Cell, 10 kN capacity	---	---
LT-C0241	Load Cell, 20 kN capacity	---	---
LT-C0242	Load Cell, 30 kN capacity	---	---
LT-C0243	Load Cell, 40 kN capacity	---	---