

110 Family Universal Test Machine With Digital Controller Single Column Cantilever Frame (C Type)

Overview

110 Family wide throat single column C Type electromechanical test machines are ideal for tension and compression tests at forces up to 2.2 kN (500 lb). As one of the most versatile universal test machines on the market today, the 100 Series frame dimensions can be altered to your requirements and fit virtually all TestResources grips and fixtures.

Applications

- Large sample, low force test applications
- Tensile, compression, shear, flexural, peel, and tear tests
- Foam tests - Indentation Load Deflection (ILD and IFD)
- Materials and product tests
- Destructive and proof load tests

Digital Controller

- Choice of three types of Digital Controllers
- High accuracy, high resolution, and high speed data capture
- Closed loop servo control of load, position, and strain channels
- Software options for machine control, data plotting, analysis and data export.

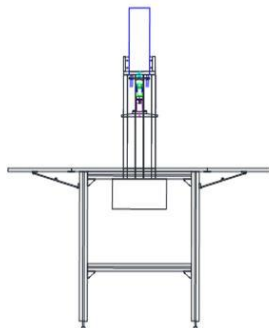


Car Seat Foam testing – Model 110-20

Specifications

Load Frame	110-10	110-20
Max Force	1 kN (225 lb)	1 kN (225 lb)
Throat	250 mm (10 in)	500 mm (20 in)
Table Dimensions	900x600mm (36 in x 24 in)	1473x900mm (58 in x 36 in)

Actuators	DG250	DG500
Max Force	1.1 kN (250 lb)	2.2 kN (500 lb)
Max Speed	635 mm/min (25 ipm)	250 mm/min (10 ipm)
Stroke	150 or 300 mm (12 in)	150 or 300 mm (12 in)



Indentation Load Deflection of Foam products using Model 110-10