

## 150 Family Horizontal Test Machine With Digital Controller Modular Load Frame & Actuators

### Overview

150 Family horizontal electromechanical test machines are ideal for tension and compression tests at forces up to 4.5 kN (1000 lb). The actuator and load frame are modular and configured to force, stroke and space requirements. Longitudinal slots in the base ensure that alignment is maintained through the specimen change activity.

### Applications

- Environmental bathes that require horizontal placement
- Tensile, compression, shear, flexural, peel, and tear tests
- 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.

### Specifications

Load Frame	150-30
Max Force	5 kN (1125 lb)
Clearance	75 mm (3 in)
Daylight	600 mm (24 in)

Actuators	DG250	DG500	DG1000
Max Force	1.1 kN (250 lb)	2.2 kN (500 lb)	4.5 kN (1000 lb)
Max Speed	635 mm/min (25 ipm)	250 mm/min (10 ipm)	180 mm/min (7 ipm)
Stroke	150 or 300 mm (12 in)	150 or 300 mm (12 in)	150 or 300 mm (12 in)

