

Deflectometer

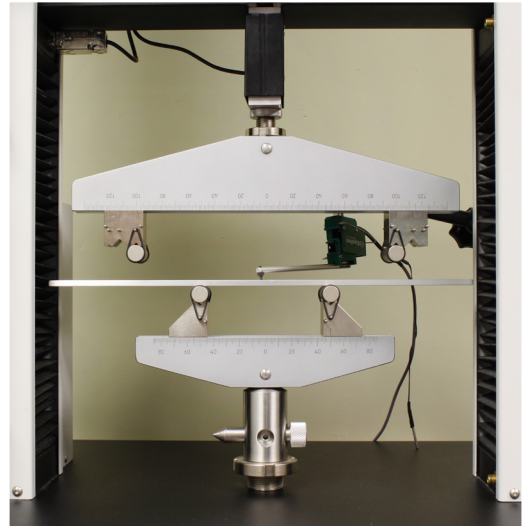
TA3540 - 3 Point & 4 Point

The TA3540 Deflectometer is designed to interface with Thwing-Albert materials tester operating with MAP4 Materials Testing Software. The Deflectometer is designed to report extremely accurate position/deflection data for tests such as flexural bend and compression strength for materials such as rigid plastics, metal, composites, corrugated, and paperboard. Most commonly used for three point and four point bend tests and compression tests to evaluate deformations.

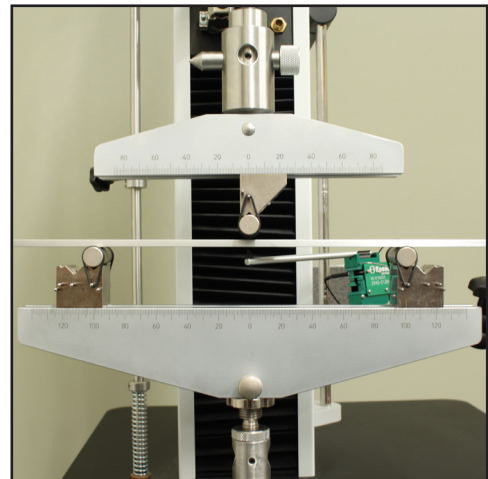
The Deflectometer is supplied with the necessary components to easily integrate with our single and dual column test frames.

- Full bridge, 350 ohm strain gaged design
- Adjustable magnetic base for easy mounting - can be used upside down also.
- Spring loaded arm will break free under excessive displacement
- Standard units - linearity of 0.25% of FS or better
- Includes the Epsilon Shunt Calibration System for on-site electrical calibration
- Measuring Range (total displacement):

-001M	1.0 mm
-004M	4.0 mm
-006M	6.0 mm
-012M	12.0 mm
-025M	25.0 mm
-050M	50.0 mm



4 Point Bend & 3 Point Bend Options



Meets ASTM and ISO accuracy classes:

-001M, -004M, -006M:

ASTM E2309 Class A

ISO 9513 Class 1

ASTM E83 Class B-2 (assuming 50 mm gauge length per D790 and D6272)

-012M, -025M, -050M:

ASTM E2309 Class B

ISO 9513 Class 2

ASTM E83 Class C (assuming 50 mm gauge length per D790 and D6272)



Thwing-Albert
Instrument Company



TA022522

thwingalbert.com