

## Division Reicherter Automatically Spring Testing Machine ELASTICOMETER EM150 / EM300

### With the ELASTICOMETERs EM150 and EM300

Stiefelmayer presents a new generation of spring testing machines driven by a motor spindle. Thus even series of highly-precise springs can be tested fast and reliably. To display, evaluate and administrate the measuring results, the customer can use the specially developed PC software WIN-Elast.

#### Special features:

- due to a modular system you can choose among 2 versions:
  - EM150: maximum load up to 500N
  - EM300: maximum load up to 5000N
- high-precision force sensor with mechanical overload protection
- highly accurate guidance of the test axis
- specially developed Windows software WIN-Elast with many user-friendly features as well as highest performance and comfort.
- highly accurate test results due to an innovative measuring technique:
  - resolution length: 0,01mm
  - resolution force: max. 0,005N (depending on the load range)
- various accessories
- regulation of each measuring point without stopping the test cycle (e.g. one complete test cycle for all test results without interdiction of test stroke, therefore much faster test time per spring)



Elasticometer EM150 / EM300

test height:

- 0-150mm
- 0-300mm

diameter pressure disc:

min. 30 mm  
max. 80 mm  
further sizes on demand!

Maximum speed: 50 mm/s

Test speed: 30 mm/s

### Our special tip for owners of used "Reicherter"-machines:

We can also upgrade your "Reicherter"-spring testing machine with the most recent technique of measurement and with our PC evaluation software.



- 1 Präzisionsteile  
*Precision Parts*
- 2 Spanntechnik  
*Clamping Tools*
- 3 Lasertechnik  
*Laser Technology*
- 4 Härte- und Federprüfung „Reicherter“  
*„Reicherter“  
Hardness and  
Spring Testing*

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