CTM-10

Specifications

Load
- Load Capacity 10N (2.25lbf)
- Load Resolution 0.0002N (0.00045lbf)
- Load Accuracy per ISO 7500 /1 Class 0.5 (0.5% of load, between 0.5% capacity up to full capacity)
- Continuous digital display or Force/Load height graphical analysis tools and display
- Safe overload to 150% of FS (compression and tension overload protection at 100% of FS load)

Stroke
- Stroke 200mm (8") Standard
- Resolution: 0.003mm (0.0002") for 200 stroke, - Standard Model
- Accuracy: ±0.02mm (±0.0008") for 200 stroke on standard model , Absolute display of load height above a user defined fixed reference.

Platten Diameter
- 55mm (2.2")

Free Length
- Automatically determined.

Spring rate
- Automatic or manual determination of spring rate (linear analysis), option for characterization of non-linear rates (e.g. conical springs)

Initial tension
- Automatic detection of tension spring initial tension.

Computer
- Pocket PC, Intel Atom   Display 7"
- USB internal connection to PC for control and data transfer   TouchScreen.
- Fully Microsoft Windows 10

Languages
- English, German, Russian, Chinese

Software Features
- Programmable for automated testing, Includes freelength, initial tension and spring rate results.
- Full reporting and printing capability available.
- On-Line and off-line SPC control charts and Cpk capability testing available.
- Smart self calibration routines

Units
- N, kgf, gf, ozf, lbf – mm, inches

Test speeds
- Manual Testing

Power
- 110V~220V AC 1.5A (Maximum)

SAS Inc.
Spring Analysis Systems

WWW.SASTESTERS.COM
Ph: +972-9-7603895
Fax: +972-9-7604849
E-Mail: Info@SASTESTERS.COM