

KMEAWin

Spring testing machine with touch screen monitor



Features:

- High test performance and complete recording of the force-displacement characteristic curve (loading and unloading)
- Test stations with motor controlled drive (feed max 50mm/s)
- Highly accurate, direct linear measuring system (resolution 0,25 µm)
- Highly accurate force measuring system, insensitive to traverse forces
- Precise driving via re-circulating ball screw
- Traverse via double precision linear guide
- Integrated overload protection of the force transmitter
- Modular and industrially standardized control
- Fully automatic test sequence with sorting program and evaluation
- Pneumatic 7-fold sorting
- Software-controlled transport system allows a freely parametrizable range of springs of different sizes
- Network capability
- Connection to CAQ system possible
- High resolution 17" TN LED touch screen monitor
- Operating system: Windows 10 IoT Enterprise (LTSC)
- Customer-specific expansion with measuring, blocking and setting stations
- Options: Separating stop, feeding, demagnetisation

Technical data:

- | | | |
|----------------------|-------|---|
| - Testing stroke | [mm]: | 100 |
| - Weight ca. | [kg]: | 700 |
| - Machine dimensions | [mm]: | B 1400 x H 1760 x T 850 |
| - Nominal force | [N]: | 2/5/10/20/50/100/200/500/1000/2000/5000 |

Subject to technical modifications and errors.

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