**Digital Tester Models FT / FTS**

- Indication Ranges 0-50 N, 0-100 N, 0-250 N, 0-500 N, 0-1000 N with hand-lever or hand-wheel
- Tractive and Compressive Force Measurements

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### Technical Data Measuring System FT / FTS:

- **Indication ranges:** 0-50/100/250/500/1000 N.
- **Measurement resolution:** 4000/5000 for exact steps: see delivery overview.
- **Relative derivation in measuring area:** \( \leq \pm 0.25 \% \) of value \( \pm 1 \) digit.
- **Built-in force measuring system:**
  - **Force Transducer:**
    - Strain gauge - load cells with integrated 16 bit AD-converter and RS485 bus. Overload protection.
  - **Force measuring device:**
    - Dimensions: \( W \times D \times H \) ca. 125x105x70 mm;
    - Supply Voltage: 12-24 V DC via an external power supply.
- **Evaluation:**
  - Operating modes: Tracking-mode and peak-mode;
  - Internal measurement frequency: 10000 Hz;
  - Zero point correction, Tare-compensation;
  - Optical and acoustical overload indicator;
  - Set point value with optical and acoustical alarm;
  - Setup menu for parameter setting and adjustment;
  - Memory space for 10000 measured values;
  - Single- and list output via serial interface;
  - Real-time clock for printouts with date and time;
  - Language for data output selectable: English, French, German
- **Display:**
  - LCD-dot matrix-display 128x64p, 56.3x38.4 mm.
  - LCD update rate: 5 Hz.
- **Input/Handling:**
  - All inputs and actions made via infrared-touchscreen.
- **Interface:**

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### Optional Accessories:

- Tabletop printer
- Software mavDataEX, -mavSTATlight
- Data transmission cable for printer connection
- Data transmission cable for computer connection
- Other supplies from the catalogue upon request

### Clamping Tools & Holding Fixtures:

- **Clamping cone** SG 40, SG 80
- **Turntable** DT 88K
- **Miniature cable tensioner** MK-8
- **Quick action clamps** KSH-6, KSP-8
- **Miniature grips** KSEL, FSEL
- **Layered cone** KBS for testing cable tie
- **Comb tools** KW 1, KW 2
- **For other tools, please see the catalogue.**
- **Customized tools upon request.**
- **Clip gun tester model CGT 50** for testing the tensioning force of cable tie pistols.

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