

## Digital Tester Model FT - Touch

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



FT - Touch with hand lever

### Technical Data:

**Model Designation:** FT-Touch

Indication Range: 0- 50/250/500/1000 N.  
 Resolution: 10000 increments, see overview  
 rel. accuracy error :  $\leq \pm 0,25 \% \text{ F.S.} \pm 1 \text{ Digit}$

**Measurement System:**

Power supply: Power supply: external 24 V DC (plug-power supply);

**Force Transducer:**

Strain gauge -load cell with integrated 16 Bit AD-converter and configurable micro-controller system.

**Evaluation:**

Operating Modes: Rolling Mode and Peak Point Mode;  
 Internal update rate: ca. 10000 Hz; automatic zero correction;  
 Tare compensation up to 25 % of resp. load cell capacity;  
 Optical and acoustic overload indicator;  
 Internal memory for ca. 4000 measurements;  
 real-time clock with date; Setup menu for internal parameter setting and automatic adjustment in several password protected levels;  
 Single and listing printout via RS232 serial port.

**Display:**

LED backlight TFT-touchscreen-display, ca. 115x86 mm.  
 LCD update rate: 60 Hz.

**Operation:**

All actuations made via touchscreen.

**Serial Port:**

RS232C (1200-115200 baud, Connector: Sub-D socket (15 pins) and Ethernet interface (RJ45 8 pins))

### 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.

### General Information:

**FT Tester:**

Capacity: 0- 50/250/500/1000 N.  
 240mm hand-lever, adjustable inclination.  
 Dimensions: W x D x H: 130 x 400 x 125 mm.  
 Weight: ca. 10 kg.  
 Construction: Resistant metal construction.  
 Color: silver and blue, anodized.  
 Capacity: max. 1000 N.

**Characteristics FT Tester:**

Load slide, hand-lever operated for rapid test sequences, precise linear guidance.  
 Durable, maintenance-free metal construction.

Code	Indication Range [N]	Resolution [N]
5	0- 50	0.005
25	0- 250	0.025
50	0- 500	0.05
100	0- 1000	0.1