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HellermannTyton MK 7 with GT-Touch 50 and KSH 6 clamps

## Technical Data:

**Model Designation:** GT-Touch 25 / GT-Touch 50

Indication range: 0-250 N / 0-500 N

Measurement resolution: 0.05 N / 0.1 N

Application range: 10-100% of nominal load

Relative deviation in measuring area:  $\leq \pm 0.25\%$  of value  $\pm 1$  digit

### Casing:

Dimensions: Baseplate: WxDxH ca. 130x400x125 mm;  
 Controls: WxDxH ca. 120x 92x35 mm;

Installation: Usable in longitudinal and transverse direction.

Weight: Around 6 kg.

Material: Anodized aluminum, silver-grey.

### Measuring System:

Supply

Voltage: 24 V DC / 0,5 A via external power supply.

### Force Transducer:

Strain gauge load cells with integrated 16 bit AD-converter and microcontroller-system. Overload protection is enabled .

### Evaluation:

Operating modes: Tracking-mode and peak-mode;

Measurement frequency: 10000 Hz;

Zero point correction;

Tare-compensation;

Overload indicator;

Setup menu for instrument adjustment;

Individual output of single measured values via serial interface.

### Display/Input:

QVGA touchscreen with 3.5", ca. 70\*55 mm (Resolution 320x240p) with LED backlight, LCD update rate ca 602Hz.

### Input/Handling:

All inputs and actuations made via infrared-touchscreen.

### Interface:

RS232

115200 baud, 8 data bits, 2 stop bits,

Parity: none/even/odd;

Connection: RJ socket (6-pin)

### Implementation and Tool Fixture:

Tool fixture is solid, made of stainless steel and therefore maintenance-free. Universal quick change tool fixtures with dovetail mount on the measuring point of the tester and a load bar with a guide rail and possible length adjustment enable trouble-free tool mounting.

### Deliverable Special Designs upon Request:

The inspection of the cable tie pistols can be performed by using a specially modified tool assembly including one of our motor-driven testing devices ETM-A, ETM-M, ATM or MPM. In doing so, the tensioning pistol is laid in a fixed holding tool; pressing the lever then causes the adjustable mandrel to automatically pull the pneumatic pistols trigger with preselected speed. After triggering the pistol, the machine stops and returns to the starting position. (Choose option: "Break Stop")

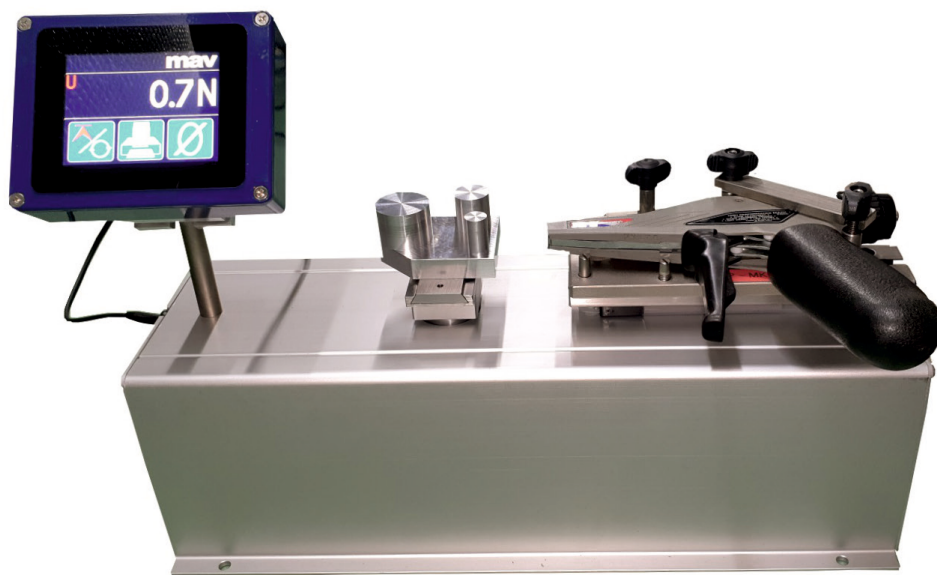
## Optional Accessories:

- Data transmission cable for printer connection
- Data transmission cable for computer connection
- Holding mandrels with customized diameters
- Different load ranges

- Indication Range 0-250 N / 0-500 N
- Testing Cable Tie Application Tools

### General Information:

- Small, handy electronic testing device with digital 3,5" QVGA-touchscreen used to determine tensile forces of cable tie tighten pistols
- Easy to use and versatile testing device with minimum space requirements, for the use in production or test laboratory, suitable for tensile force measurements of all hand- or pneumatically operated cable tie pistols
- Indication Range: 0-250 N / 0-500 N, measurement resolution of 0.05 N / 0.1 N
- High measurement accuracy and reproducibility of measurement results
- Readout and operation via resistant touchscreen with dot matrix-LCD-Display
- Casing protected against dust
- High measurement frequency (10000 Hz)
- Automatic zero point alignment
- Tare-compensation
- Overload indicator
- 2 operating modes:
  - Peak-mode, displaying the highest measured force value of the entire measurement procedure
  - Tracking-mode, displaying the current force value
- Setup menu for adjustment
- Serial interface for measured value output
- The GT - Touch is only suitable for testing cable tie tighten pistols
- Durable, maintenance-free metal construction
- Universal quick action clamps for the fixture of different kinds of cable tie pistols and manufacturers (for example HellermannTyton, Panduit, and others)
- Different mandrel tools to clamp the cable tie are deliverable
- Our electromotive ETM test stations are deliverable with the technical equipment for an automatic test procedure, allowing the actuating lever of the cable tie tighten pistols to be triggered with preselected speed



Clip Gun Tester GT-Touch with KBP toolset and HellermannTyton cable tie tighten pistol MK 7