



**art.-no.:** 40-070-11

**type:** **Portable Tension Tester**  
MTT 1.500 F

**acc. to current standards:** DIN 30 670 – DIN 30 672 –DIN 30 674 – EN 10 285

**description:**

- determines the peeling resistance of plastic-covered steel pipes
- assesses the adhesive power of other coatings and foils
- flexible use in building ground by integrated batteries possible
- portable tension tester

**Capability characteristics of control unit:**

- power supply by external mains and / or rechargeable batteries
- integrated control panel with graphical display
- integrated thermal printer
- integrated compact flash slot (incl. card)
- sample identification via data entry
- permanent data storage
- permanent data transfer to compact flash card
- evaluation of min-, max- and middle value via thermal printer after test end (division in 2 minutes segments)

**Capability characteristics of test unit (handling):**

- separate drives for carriage and stripping
- automatic control of stripping angle
- electronic force measuring device
- width of samples max. 50 mm
- pipe diameter min. 100 mm / max. unlimited
- force measuring range 0 – 1.500 N
- speed of carriage 10 mm/minute
- speed of stripping 10 mm/minute
- 2 clamping devices for coatings of different degrees of hardness



**Including Software “WIN-MTT”:**

- menu and window managed user interface
- data reading in ASCII format from CF-Card
- graphical display of measured force values vs time
- free scaling of all axes
- flexible report generator acc. DIN 30 670
- user groups with password
- Windows 95, 98, 2000 and XP-Prof. compatible

**Accessories** (do not belong to the scope of delivery):

- Support for small pipes (50 – 100 mm) (art.-no.: 40-087)
- Clamping and guiding assembly (art.-no.: 40-081-001)
- Strip cutting equipment width 50 mm (art.-no.: 40-078-001)
- Strip cutting equipment width 20 mm (art.-no.: 40-079-001)

**technical data:**

Dimensions (HxWxD)

Control unit: approx. 310 x 610 x 550 mm  
Handling: approx. 280 x 360 x 350 mm

Weight

Control unit: approx. 33 kg  
Handling: approx. 19 kg

Power supply 115/230V, 50/60Hz, 250W

**Please specify your power supply when ordering!**

