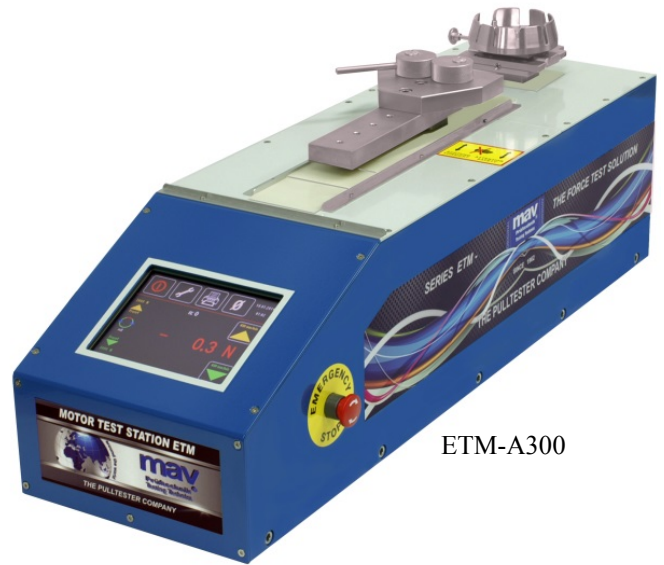


Summary:

- Tester series for tensile and compressive force measurements with high measurement accuracy, a simple control concept and an overall durable construction.
- Since model year **2021** with extended **ethernet interface**:
 - **Updates** and status check via network
 - **Screen mirroring** and program monitoring within corporate networks
 - **REST-API** for individual configuration and integration with QMS-software
- Optional **displacement measuring system** (ETM-M)
- Up to 6 testing programs with repetition tests
Force/Path, Force/Force or Holding under Load
- Tester with motorized drive unit for precise and dependable measurements in test laboratories, production lines and quality assurance inspections.
- **Password protection** between operating and settings levels
- Display and operation via LED backlight Multitouch TFT display with pictograms, ca. 115×86 mm (5.7").LCD update rate: 60 Hz.
- High internal measurement frequency (10,000 Hz) and resolution
- Tare-compensation
- **Acoustical and optical indication in case of overload** or when target loads are reached (can be deactivated)
- Operating modes:
 - **Peak-mode**, displaying the highest measured force value of the entire measurement procedure,
 - **Roll-mode**, displaying the current force value
- Internal memory for measured values and counter.
- Emergency break function with anti-trap protection
- Shielding of force transducer and AD-converter against electromagnetic radiation (mobile phone interference etc.)
- **Testing speed** of ETM-A /M test station is **freely adjustable**
- **5 different testing speeds** for the ETM-F
- Universal quick action clamps for tool fixture
- Serial interface for full compatibility of all former software versions like mavSTAT^{light}, mavSTAT, mavDataEX und mavGraph mavCALIB



ETM-A300



ETM-A5

Clamping Tools & Holding Fixtures:

Clamping cones	SG 40, SG 80(V)
Turntable	UNI-DT-2K
Cable tensioner	MK-8, DKS-20
Quick action clamps	KSH-6, KSP-8, SHA-12/-20, DES-10
mm-plug gauge	ML1 for cable isolation pull-off testing
Comb tools	KW 1, KW 2
Miniature grips	FSEL, KSEL

For other tools, please see the catalogue.
 Customized tools upon request..