

Handheld tensioning and compression force testers with encoder with integrated tensioning and compression force recorder

ATORN®

Application

For checking actuation forces and strength on components, e.g. springs, buttons, switches, levers, closures, etc. The main areas of application for these handheld force testers are in quality assurance, incoming goods inspection, production, research and development.

Version

- Robust aluminium housing with ergonomic grip recesses
- Modern, colour touchscreen display 128x128 pixels, 7 digit + comma
- Data logger/measured value recording via built-in 2 GB memory, used via USB 3.0
- Exported data output to ASCII/CSV
- Adjustable measuring frequencies from 50 Hz to 2000 Hz
- with encoder (measuring channel extension) for connecting to a path measurement system (test stands) or for additional use of an external force or torque recorder
- Incl. factory calibration certificate

Advantage

- Encoder enables interactions with motorised load frames (test stands) for e.g. the display of force/path diagrams
- Rechargeable lithium-ion batteries ensure a long operating life
- Measured value display is flexible and intuitive to configure
- Comprehensive functions and features
- Two M6x10 mounting screws on each face and on the rear which can be used e.g. for a fixed installation

Delivery

Tensile and compressive force measuring unit; USB power supply; pressure pieces 1x diameter 10 mm, 1x tip and 1x cutter; 1x swivel pull hook with 10 mm aperture; 60 mm extension, CE declaration of conformity; manual and calibration certificate



Art. no.	44181 301
Min./max. force of measuring range	0-50 N
Digit increment, force	0.001 N
Min. measurement frequency	50 Hz
Max. measuring frequency	2000 Hz
Measurement uncertainty based on end value	0.05 %
Connection thread for clamping device	M6

EAN-Code

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