

General Information:

ROKIEN – ROTATIONAL KINETIC ENERGY

- Test Station utilizing the worldwide unique **ROKIEN®** technology for the determination of tensile forces
- Compact and easy-to-use test station with great touch panel and automatic motor drive control for tension tests.
- Versatile usable Test Station for pull-off tests of crimped, pressed, welded and glued parts as cables with crimped terminals, contact plates, connectors of cable harnesses as well as for tension and compression tests in materials testing.
- Indication range 0 to 50 kN, Resolution 5 N
- High measuring rate and resolution ensure a high accuracy and reliability and capture even critical peak force readings.
- Motorized drive with adjustable and electronically controlled force progression ensures a precisely defined force load rate.
- Precise parallel guidance of load unit for exact axial loading of test specimen.
- Quick change tool mounting adapters for fixture mounting.
- Compact and rigid housing.
- The housing with electromechanical secured access completely encloses the test specimens and all movable parts of the device.
- Safety system with safety stop function and electromechanical secured housing.
- Peak Point Mode with indication of the highest measured force value
- Tracking Mode with indication of current force values.
- Break Stop function with automatic stop after break of test specimen.
- Preset of test load for non-destructive tests.
- Hold under load function with adjustable hold time.
- Operation of measuring system and drive unit via touch panel
- Measured value memory.
- Interfaces: Bluetooth, WLAN, USB.
- Energy recovery system for cost-efficient operation.
- Set-up menu for internal parameter settings.



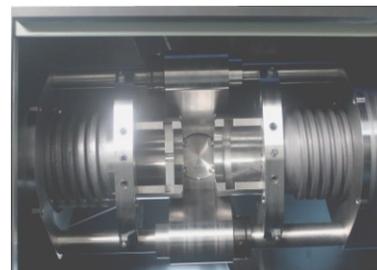
RTM 50kN

Technical Specifications:

Capacity:	0 to 50 kN.
Resolution:	5 N
Rel. accuracy error:	≤ ±0.25% ± 1 LSD
Dimensions:	
Housing	ca. 770x770x600 mm (WxDxH);
Construction:	durable all metal construction
Housing:	stainless steel / Aluminum; blue / black.
Drive:	electromotive
Force load rate:	adjustable
Test load preset:	10 to 100% of tester's nominal load for non-destructive tests. Hold-under load function
Break Stop Function:	automatic stop after break of test specimen
Power supply:	48 V DC, external main adapter Energy recovery system



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Test chamber



Opened specimen fixture

* All technical information and specifications are subject to change without prior notice. They represent no promise of characteristics.

