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TT Series Pneumatic Force Tester (550 lbf, 2500 N)

Specification Sheet
SS-FM-3118-0105
January 2005

The TT Series is a pneumatically-operated tester for measuring breaking strength of electrical leads, terminals, connectors, wire wraps, etc. It is ideal for areas where intrinsic safety is required (when used with a mechanical gauge). The TT Tester operates using clean, dry air with a maximum air pressure up to 160 psig (11.2 bar). The TT Tester meets MIL-T-7928 (ASG) requirements for crimped, solderless lugs. The tester may be used for tensile or compression testing. The rapid test speed makes it ideal for production line testing, incoming inspection testing or for the R&D laboratory. The TT Tester features a 6-inch (15 cm) test stroke. Ram speed may be controlled as low as 0.1-inch (2.5 mm) per minute. The TT Tester is available in two models: one with a foot-actuated switch; the other with a hand-actuated switch.

Features

- ❑ Easy to Use, Rugged Construction
- ❑ Meets MIL-T-7928 (ASG) Requirements
- ❑ 6-inch (15 cm) Stroke
- ❑ Precision Ram Speed Control to 0.1-inch/min
- ❑ Independent Return Speed
- ❑ Automatic Retracting Steel ZJaw
- ❑ Maintenance-free Design
- ❑ 1 Year Warranty

Specifications

- Capacity:** 550 lbf (2500 N)
- Speciment Capacity:** From 1-inch to 15-inches (25.4 to 381 mm) Length
7/32-inch OD
- Crosshead Speed:** Double Acting Ram 6-inch/min
- Adjustable Rams Speeds to 0.1-inch/min
- Travel:** 6-inches (152 mm)
- Jaw Opens to 7/32-inch (5.6mm)
- Jaw Closes in 1/2-inch (12.7mm) Travel
- Load Measuring:** Chatillon Force Gauge
- Air Motor:** Requires 60 psi (4.2 bar) for 225 lbf (1 kN)
Requires 125 psi (8.7 bar) for 550 lbf (2.5 kN)
Maximum Air Pressure is 160 psi (11.2 bar)
- Operating Temp:** 40° to 95°F (5° to 35°C)
- Weight:** Approx. 33 to 52 lbs option dependent (15-24 kg)
- Warranty:** 1 year



TT Series with DFE Series digital force gauge



You Get More with Your CHATILLON Gauge.



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Ordering

Model	Speed	Description
ML3317	6.0-inch (152 mm)	TT Tester with Hand-Operated Switch
ML3353	6.0-inch (152 mm)	TT Tester with Foot-Operated Switch

Optional Accessories

Order No.	Description
ML1797	Foot Pedal Control Kit
P-10174	Air Filter Regulator Kit
ML4242	Jaw Repair Kit

Standard Accessories

Order No.	Description
NC002582	DF Series Gauge Adapter Plate
SPK-DG-TT	DG Series Gauge Adapter Plate

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TEST AND CALIBRATION INSTRUMENTS

For the authorized Chatillon Distributor or Manufacturer's Representative near you, go to www.chatillon.com

Americas
AMETEK TCI Division
8600 Somerset Drive
Largo, Florida 33773
United States of America
Tel +1-727-536-7831
Tel +1-800-527-9999
Fax +1-727-539-6882
Email chatillon.fl-har@ametek.com

France
AMETEK Lloyd Instruments SAS
3 avenue des Coudriers
Zone d'Activite de l'Observatoire
78180 Montigny-Le-Bretonneux
France
Tel +33-1-3057-4774
Fax +33-1-3057-5033
Email general@lloyd-instruments.com

Germany
AMETEK Precision Instruments
Europe GmbH
Rudolf-Diesel-Strasse 16
D-40670 Meerbusch
Germany
Tel +49-0-2159-9136-70
Fax +49-0-2159-9136-80
Email apie@ametek.dr

Singapore
AMETEK Singapore Pvt. Ltd.
10 Ang Mo Kio Street 65
#05-12 Techpoint
Singapore 569059
Tel +65-484-2388
Fax +65-481-6588
Email aspl@ametek.com.sg

United Kingdom
AMETEK Lloyd Instruments Ltd.
Forum House, 12 Barnes Wallis Rd
Segensworth East
Fareham
Hampshire PO15 5TT
United Kingdom
Tel +44-0-1489-574221
Fax +44-0-1489-885118
Email uk-far.general@ametek.co.uk

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