

Chatillon® TT Series Pneumatic Force Tester

Specification Sheet

SS-TT-0210

February 2010

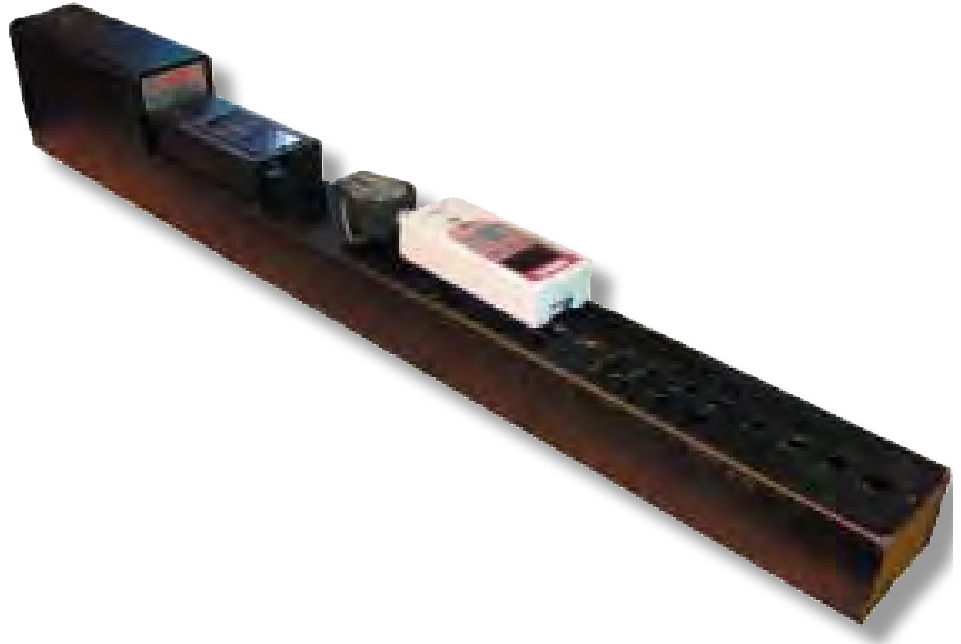
The CHATILLON® TT Series is a pneumatically-operated tester for measuring breaking strength of electrical leads, terminals, connectors, wire wraps, etc. It is ideal for areas where intrinsic safety is required (when used with a mechanical gauge). The TT Tester operates using clean, dry air with a maximum 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

- Simple to Operate
- Meets MIL-T-7928 (ASG) Requirements
- 6-inch Stroke
- Precise Ram Speed Control to 0.1 in/min
- Independent Return Speed
- Automatic Retracting Jaws
- Mounts to Chatillon DF Series Force Gauges
- 1 Year Warranty

Specifications

| | |
|-------------------------------|----------------------------------|
| Load Capacity: | 500 lbf, 2.5 kN |
| Sample Size: | Up to 15 inch (380mm) 7/32 OD |
| Crosshead Speed: | 6 in/min |
| Travel: | 6 inches (152mm) |
| Jaw Opens: | 7/32 inch (5.6mm) |
| Jaw Closes: | 1/2 inch (12mm) |
| Load Measurement: | Chatillon DF Gauges |
| Air Motor: | |
| For 225 lbf (1 kN): | Requires 60 psi (4.2 bar) |
| For 550 lbf (2.5 kN): | Requires 125 psi (8.7 bar) |
| Operating Temperature: | 40°F to 110°F 5°C to 45°C |
| Instrument Weight: | 50 lbs (25 kg) |
| Shipping Weight: | 65 lbs (30 kg) |



Shown: TT Tester Series with optional Chatillon DFE Series digital force gauge.



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Force Measurement

Ordering

TT Series

| Model | Description |
|--------|----------------------|
| ML3317 | Hand Operated Switch |
| ML3353 | Foot Operated Switch |

Standard Accessories

| Part No. | Description |
|----------|--------------------------|
| NC002582 | DF Gauge Mounting Kit |
| ML1797 | Foot Pedal (ML3353 only) |

Optional Accessories

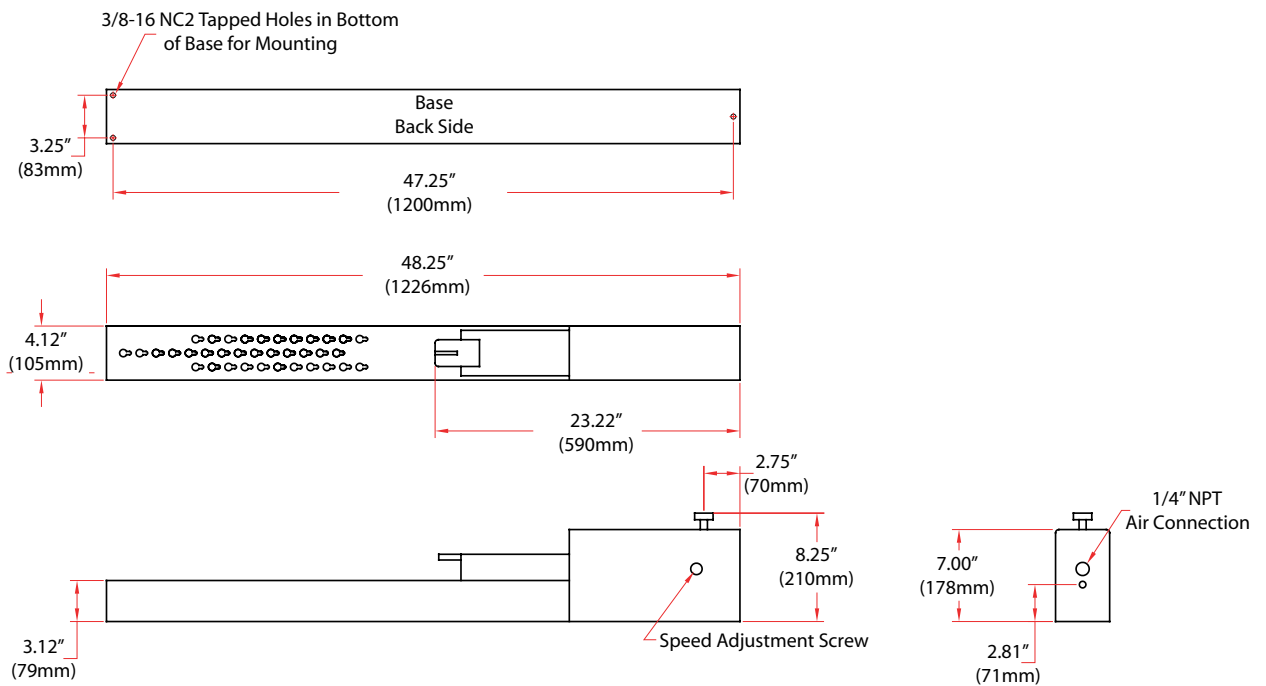
| Part No. | Description |
|----------|-----------------------|
| ML1797 | Foot Pedal Controller |
| ML4242 | Jaw Replacement Kit |



Shown: ML4242 Jaw Replacement Kit



Shown: ML1797 Foot Pedal Controller. Supplied standard with ML3353.



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