

6 Specifications

System Specifications

Test Setups

- ▶ Load limit
- ▶ Displacement limit
- ▶ Height limit
- ▶ Time limit
- ▶ Break or rupture
- ▶ Cycle and loop
- ▶ Multi-stage (define test as a combination of the above)
- ▶ Tensile
- ▶ Compression
- ▶ Peel

Load Measurement System

- ▶ CLC Series load sensors
- ▶ Auto-recognition, “plug & test”
- ▶ Sensor overload history log
- ▶ On-site field calibration using traceable master load cells in combination with deadweights.

Load measuring system meets or exceeds the following: ASTM E4, BS 1610, DIN 51221, ISO 7500-1, EN 10002-2, AFNOR A03-501. (AMETEK recommends system verification on-site at the time of installation by an authorized Chatillon Service Provider, as required by ASTM E4 and ISO 7500-1.)

Data Output, Ports, and Slots

- ▶ Two USB 2.0 ports and one USB 3.0 port available for USB connections as: Ethernet, RS-232 and Barcode Readers when used with adaptors.
- ▶ WiFi connectivity
- ▶ Save data locally to 128 Gb Hard drive.
- ▶ Connect a Large Screen monitor for remote viewing through the HDMI connection.
- ▶ Export data and results to CSV file
- ▶ Export Test Report to PDF file with Graph

Displacement Measurement

- ▶ Displacement measurement meets or exceeds the following: ASTM E83, BS 3846, ISO 9513, EN 10002-4
- ▶ The system can apply displacement compensation as a standard function to compensate for system deflection.

Operating System

- ▶ Windows Professional 11 – which includes multiple user configurations for added security and networking.

