

HE Proof™

Don't **STRESS** over Hydrogen Embrittlement



FAST! Hydrogen Embrittlement Results

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HE Proof Series™ - Hydrogen Embrittlement Load Frame

The Assured Testing Equipment HE Proof Series™ of Hydrogen Embrittlement Load Frame provides accurate results with ease of use and the reliability of state-of-the-art load cell and PLC technology. The human machine interface (HMI) digital display provides easy-to-use preset testing conditions with minimal training required.

Designed for ASTM F519 testing with Type 1a.1 test bars, the HE Proof Series is customizable to accommodate from four to 20 sample bars in a string.

Features:

- Pre-Set PLC Controlled ASTM F19 tests
- Durable solid state electronic load cell provides accurate and stable force measurement, eliminating manual weight piles and calculations
- Static Load Test and Step Load Test Functionality
- Ability to test a range of four to 20 bars in a sample string
- Sensors record sample break events
- Manual or PLC controlled testing
- Optional Data Recording capability
- Robust Modular Load Frame for allows for high lateral and axial stiffness of the test frame
- Lever arm is supported by maintenance free, exceptionally long life, anti-friction bearings.
- Lockable Casters for mobility
- Backed by Assured Testing Equipment Warranty
- Fully enclosed test area for safety



Product Specifications:

Maximum Load	10,000 lbF (44.48kN)
Footprint	36" x 42"
Operating Voltage, Amperage:	115VAC, 5 Amps
Test Specimen Capacity:	Up to 5 sets of (4) Notched Type 1a.1 Bars