

# Microprocessor-Controlled Digital 250 VA & 500 VA Hipots

## Models 2512 & 2515

### For Production Line Safety Compliance Testing

#### Models

**2512**

**2.5 KVAC, 100.0 mA**

**2515**

**5.0 KVAC, 100.0 mA**

#### Applications

**Motors**

**Appliances**

**Heating Elements**

**High Capacitance**

**500 VA Requirements**

#### Benefits

**Operator Safety**

**Ease of Use**

**Repeatability**

**Reliability**

**Agency Compliance**



#### Description and Key Features

Designed for applications requiring a high current hipot test, Models 2512 (2.5KVAC) and 2515 (5KVAC) meet or exceed most national and international safety standards. Packed with features previously found only in instruments costing hundreds of dollars more, these instruments provide the enhanced capabilities, safety features, and reliability made possible by microprocessor technology at realistic and affordable prices.

These rugged, easy-to-use instruments are designed for high-speed, high-volume production line testing of high capacitance products such as heating elements and motors. Operators can set the output voltage and trip current in the absence of high voltage, an enhanced safety feature not found in traditional analog hipot testers. Electronic line and load regulation ensures that proper voltage is maintained during tests, regardless of line voltage fluctuations or the load created by the device under test. Advanced features include electronic ramp and dwell, meter memory and non-volatile memory for storage of test parameters.

Equally well suited for the needs of large and small businesses alike, the Models 2512 and 2515 set a new industry standard for price/performance.

- Meet Most UL, CSA, VDE and IEC Test Requirements, including UL 120KΩ
- 0-5.0 KVAC; 0.01-100.00 mA Trip (Model 2515)
- 0-2.5 KVAC; 0.01-100.00 mA Trip (Model 2512)
- Electronic Ramp & Dwell
- Line & Load Regulation
- No-Load Setup of Voltage and Current Output
- Audible and Visual Failure Alarms
- High Voltage Shut Off Upon Reject
- LED Display With Meter Memory
- Includes Test Probe, HV and Return Clip Leads
- Includes Certificate of Conformance

# Models 2512, 2515



INSTRUMENT SPECIFICATIONS		
MODEL	2512	2515
INPUT VOLTAGE	115/230V selectable, $\pm 15\%$ variation; 47 - 63 Hz	
FUSE	115 VAC, 230 VAC – 15A fast acting 250VAC	
OUTPUT	Rating: AC 0 - 2500V, 100 mA Regulation: $\pm(1\%$ of output +5V)	Rating: AC 0 - 5000V, 100 mA Regulation: $\pm(1\%$ of output +5V)
VOLTAGE SETTING	0.01 kV – 2.50 kV, 10 volts/step  Accuracy: $\pm(2\%$ of Setting +5V)(relative to displayed Output). Can be adjusted during operation via Up & Down Arrow keys.	
DWELL TIME SETTING	0 = Continuous, 1 = One Second Test, 60 = Sixty Second Test	
RAMP SETTING	0 and 0.2 – 999.9 seconds, 0.1 second / step 0 ramp setting = 0.1 seconds fixed ramp	
FAILURE SETTINGS	High limit: 0.1 – 100.0mA, 0.1 mA / step Accuracy: $\pm(2\%$ of setting + 0.05 mA)	
METERING	Voltmeter (4 digits) Range: AC 0.00 – 2.50 KV Resolution: 0.01 KV Accuracy: $\pm(2\%$ of setting + 10V) Ammeter (4 digits) Range: AC 0.00 – 100.0mA Resolution: 0.01 mA Accuracy: $\pm(2\%$ of reading + 0.05mA)	Voltmeter (4 digits) Range: AC 0.00 – 5.00 KV Resolution: 0.01 KV Accuracy: $\pm(2\%$ of setting + 10V) Ammeter (4 digits) Range: AC 0.00 – 100.0mA Resolution: 0.01 mA Accuracy: $\pm(2\%$ of reading + 0.05mA)
(Soft key used to toggle between KV and mA.)		
TIMER DISPLAY	Range: 0.0 – 999.9 seconds Resolution: 0.1 second Accuracy: $\pm(2\%$ of reading + 0.05 seconds)	
GROUND CONTINUITY	Current: DC 0.1 A $\pm 0.01$ A, fixed Max ground resistance: 1ohm $\pm 0.1$ ohm, fixed Included with this option is a U.S. style (NEMA 5-15) remote receptacle box for testing items terminated with a line cord.	
(Optional)		
REMOTE INTERFACE	Inputs: Test & Reset; Outputs: Pass, Fail & Test in Process	Test start input through a 9-pin D-type connector.
LINE CORD	Detachable 7 ft. (2.13m) power cable terminated in a three prong grounding plug.	
TERMINATIONS	6ft. (1.52m) high voltage safety retracting probe, 6ft. (1.52m) high voltage clip probe and 6ft. (1.82m) return clip lead.	
MECHANICAL	Dimensions: (W x H x D) 17.00 x 5.75 x 11.75 in. 430 x 133 x 300 mm Weight: 44 Lbs (20 Kgs)	Dimensions: (W x H x D) 17.00 x 5.75 x 11.75 in. 430 x 133 x 300 mm Weight: 62 Lbs (29 Kgs)

Please call today for additional information.



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