

DATA SHEET

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EUROPE'S LARGEST SELECTION OF TEST & MEASUREMENT EQUIPMENT FOR HIRE

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WHY BUY
WHEN YOU CAN HIRE



HAEFLY
HIPOTRONICS

880PL-DC

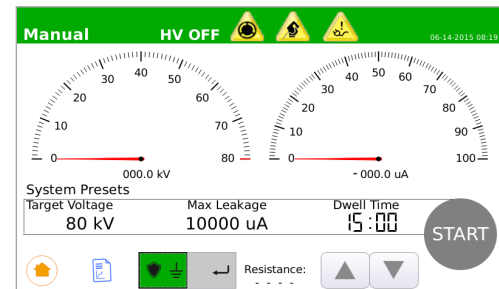
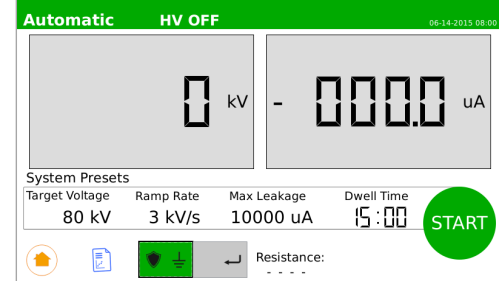
Digital DC Hipot Tester - 80kV



FEATURES AND BENEFITS

- ✓ DC hipot test up to 80kV, 10mA
- ✓ Lightweight, rugged design for field use (57 lbs / 25.8kg)
- ✓ Measures output voltage, leakage current, insulation resistance (IR), and polarization index (PI)
- ✓ Adjustable test parameters such as target voltage, maximum leakage, ramp rate, and dwell time
- ✓ Recorded test results and data transfer via USB 2.0
- ✓ 7" color, touch screen display with adjustable brightness
- ✓ Full-wave voltage multiplier
- ✓ Safe operation with interlock, emergency stop, and battery backup for display meters if input power is lost
- ✓ Internal discharge solenoid

MODES OF OPERATION



■ The **880PL-DC** DC Hipot is a modern solution for testing the insulation strength of electrical apparatus. Outfitted with a state-of-the-art digital interface and extensive safety features, the 880PL-DC ensures simplistic operation, accurate results, and operator safety under all circumstances.

The 880PL-DC features the most accurate kilovoltmeter readings regardless of load current. Voltage measurements are taken directly at the output of the high voltage transformer, while current is measured at the return leg to ensure the highest accuracy. Output power is created through a full-wave, voltage multiplier.

APPLICATIONS

- Power Cable
- Transformers
- Electrical Switchgear / Vacuum Interrupters
- Motors/ Generators
- Aerial Lift Equipment / Bucket Trucks
- Insulated Electric Apparatus & Components



INLEEC, supporting you to deliver a world class service, every day, in every sector ...



OUR COMMITMENT TO YOU

A wealth of knowledge and experience.

You can take advantage of expert advice to ensure you get the best, most appropriate and cost effective equipment for the job. We supply a wide variety of industries, so if there is another way to do the job or save you time and money we'll pass on the benefit of our experience for free.

Honest advice, just a phone call away!

If we don't have a particular item, rather than hiring you something that won't do the job, we would rather direct you to an alternative supplier. You will always be provided with full instructions and if you still need help, call our technical team on Nationwide Low Call 0333 6000 600. Our aim is to save you time, frustration and money.

Top quality equipment from major manufacturers.

With Inlec you'll get the most accurate, reliable and well-maintained equipment available. Prices are regularly reviewed to ensure you always enjoy the best value for money. We have made a significant investment in test equipment so we ensure that it's well packed to minimise damage and delay.

We really do listen to you.

You won't waste your time contacting Inlec. Every request for equipment is logged and carefully considered. Listening to our customer's helps keep our product range up to date and relevant. If you are unhappy about any aspect of our service please let us know so we can put it right.

YOUR 5 WAY GUARANTEE

1. GUARANTEE SAME DAY DISPATCH

We understand why prompt delivery is important to you. So, we confirm your order before 5pm, you are guaranteed same day dispatch.

2. OUR PRICE GUARANTEE

Inlec guarantee you real value for money. Our price match policy is simple - if you can hire the same product for less elsewhere, we guarantee to match that price and reduce it by a further 10% of the difference - and still deliver our industry leading technical and customer support.

For full details check our price-match guarantee section

3. TOP QUALITY GUARANTEED

All equipment is thoroughly checked prior to dispatch to ensure you receive it in full, safe working order. Your instructions will be securely packed and include manufacturer's literature, accessories or consumables and a valid certificate of test where appropriate. And a valid Inlec cable safety certificate where appropriate. In addition, Inlec equipment is not suitable for your application.*

4. FRIENDLY, KNOWLEDGEABLE ADVICE GUARANTEED

Inlec are happy to provide you with free advice, from an unbeatable team of experienced, knowledgeable and friendly engineers and hire experts.

5. YOUR GUARANTEE OF THE BEST CUSTOMER SERVICE

Throughout your hire we will work hard to ensure you enjoy the very best in support and service from Inlec. We guarantee you won't find better service anywhere in the industry.

*Subject to availability and conditions

Europe's leading Test Equipment Hire Specialist

Nationwide Low Call 0333 6000 600
 Online: www.inlec.com
 Inlec UK: Elstree Way, Stakeley Business Park, Stakeley, N. Walsingham TS9 5JZ, United Kingdom



HAEFELY HIPOTRONICS

TECHNICAL SPECIFICATIONS

Model Number	880PL-DC	
Dimensions	19.45" L x 13.7" W x 20" H	49.4 x 34.8 x 50.7 cm
Weight	57 lbs (25.8 kg)	
Environmental		
Operating Temperature	14...122° F (-10 ... 50°C)	
Storage Temperature	-4...158° F (-20 ... 70°C)	
Humidity	5...95% non-condensing	
Inputs		
Power	90-264VAC, 45-65Hz, 900VA	
Outputs		
Voltage	100-80,000 VDC	
Current	10mA	
Polarity	Negative Output, Positive Ground	
DUT Insulation Resistance	10 kΩ...8 GΩ	
Measurements	Resolution	Accuracy
Voltage	100 V	±0.5% of full scale
Current	0.1 μA	±1% of scale (100μA, 10mA)
Insulation Resistance (IR)	10 kΩ	±1% of scale
Safety Features		
Emergency Stop	Visual Warning Indicators	
External Interlock	Audible Warning Indicator	
Interlock Hand-switch	External Warning Lamp (optional)	
Interlock Foot Pedal (optional)	Battery Backup for Display Metering	
Display	7" TFT , 800 x 480, Color Touch Screen, High Brightness (Adjustable)	
Interfaces	USB 2.0 for Memory Stick	
Data Formats	CSV	
Calibration Interval	1 year recommended	

SCOPE OF SUPPLY

- 25ft HV Output Cable with Clamp
- 25ft HV Return Cable with Clamp
- 25ft HV Ground Cable with Clamp
- 15ft HV Ground with Clamp
- 6ft Input Power Cord
- Interlock Plug
- Interlock Hand-switch
- Operations Manual
- Calibration Certificate

OPTIONAL ACCESSORIES

-  **HHDA13-280**
120kV rated grounding stick
-  **HH-SAFE**
Safety strobe light with magnetic base
-  **HH-FS**
Foot operated interlock switch
-  **EXT-WARN**
Warranty Extensions to 2 or 3 years
Standard Warranty is 1 year

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