

LXinstruments GmbH
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TECHNICAL PRODUCT INFORMATION

Test & measurement instruments

- high - quality
- moderate prices
- excellent precision

Your contact:

Technical support, services, demo & rental equipment, price information
& quotes, consulting:

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HypotULTRA®

The Most Flexible and Feature-Rich
Automated Dielectric Analyzer Available



Our HypotULTRA® models provide all the tools you need to modernize your production line with best-in-class 4-in-1 test capability and a slim 2U design. We've added 40A AC Ground Bond test capability to HypotULTRA's already impressive feature list for manufacturers that aim to adopt best testing practices without sacrificing productivity. Whether you're looking to improve traceability with onboard data storage, increase efficiency with our intuitive touch screen interface and direct barcode scanner connection, or automate with a variety of communication interfaces, HypotULTRA was designed to take your production line to the next level.



Find the Model that Fits Your Testing Needs



AC Hipot



DC Hipot



Ground Bond



Ground
Continuity



Insulation
Resistance



	7800	7804	7820	7850	7854
500 VA*	•	•	•	•	•
AC Hipot	•	•	•	•	•
DC Hipot	•	•	•	•	•
Ground Bond	•	•	•	•	•
Ground Continuity	•	•	•	•	•
Insulation Resistance	•	•	•	•	•

*Meets 200 mA short circuit requirements

AVAILABLE INTERFACES



USB



RS-232



Ethernet
(Optional)



GPIB
(Optional)

SAFETY & PRODUCTIVITY FEATURES



SmartGFI®
Automatic
operator shock
protection



**Remote Safety
Interlock**
Easily disable
HV output



Data Transfer
Easily import/
export test
files and data
via USB



**Barcode
Capability**
Direct barcode
connection



**Multiple
Languages**
Multi-Language
user interface



**Ground Bond
Voltage Drop**
Monitor
voltage drop
vs resistance



ProVOLT®
Multi-dwell
cycles at
different
voltages for
ACW/DCW/IR



**Internal
Multiplexer**
Available with
optional HV
multiplexer
(4 or 8 ports)



**Modular
Multiplexer**
Compatible
with SC6540
multiplexers



FailCHEK®
Confirms
failure
detection



Prompt & Hold
Provides alerts
& instructions
between tests



WithStand®
Automation
Software



**Advanced
User Security**
Customize ID
& password
protection



Ramp-HI®
Reduce ramp
time during
DC Hipot



Charge-LO®
Confirms
proper DUT
connection



PLC Remote
Basic PLC
relay control



**Negative
DC Hipot &
Insulation
Resistance**
(Optional)



**On Board Data
Storage**
Save up to
100,000 Test
Results on-board

