

Ultra High Voltage DC Dielectric Test Systems and Power Supplies



Testing Applications

Insulation Testing

- Cables
- Transformers
- Insulators
- Bushings

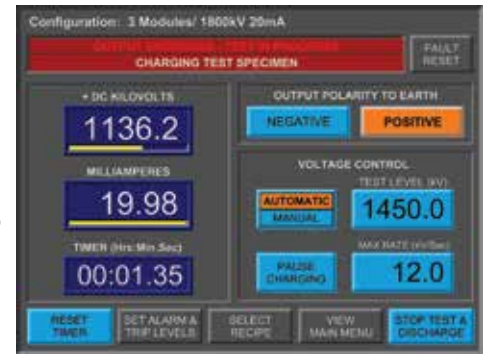
Utility HV Power Supply

- R & D tests
- Miscellaneous evaluations
- Educational demonstrations

Suitable for performing HVDC withstand tests and partial discharge measurements on all HVDC transmission equipment

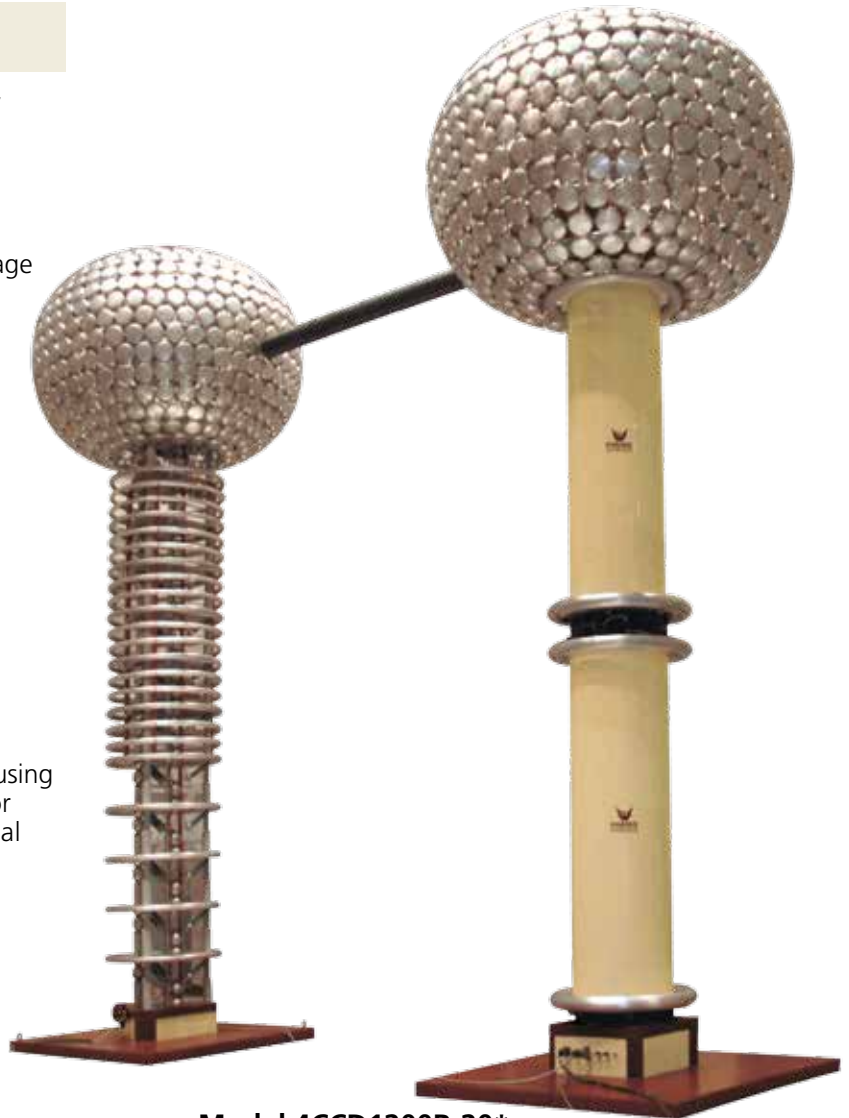
Phenix Technologies delivers proven reliability, innovative solutions, and years of experience for today's DC testing requirements!

User Interface



Phenix Advantages

- Stackable up to 3 modules in 400 kV or 600 kV increments for higher voltage
- PD free design
- Computerized controls
- High charge current ratings and low ripple voltage output provided by the cascaded full wave voltage doubler design
- Fast motorized polarity reversal
- Combination divider, discharge, grounding device
 - Voltage divider provided for direct voltage measurement in accordance with IEEE Standard 4 and IEC 60060-2
 - Discharge device (optional)
 - Grounding switch (optional)
 - PD measurement capacitors (optional)
- Output series resistor included
- Castors or air pallet for mobility (optional)
- Available with smooth surface FRP insulator housing for laboratory use, or ribbed composite insulator housing for extended operation in an industrial environment



Model 4CCD1200R-20*

Models

	MODULES	VOLTAGE	CURRENT
4CCD400R-20	400 x 1	400 kV	up to 20 mA
4CCD600R-20	600 x 1	600 kV	
4CCD800R-20	400 x 2	800 kV	
*4CCD1200R-20	600 x 2	1200 kV	
4CCD1800R-20	600 x 3	1800 kV	



PHENIX
TECHNOLOGIES

WORLD HEADQUARTERS

Phenix Technologies, Inc.
75 Speicher Drive
Accident, MD 21520 USA
Ph: +1.301.746.8118
Fx: +1.301.895.5570
Info@phenixtech.com

BRANCH OFFICES

Phenix Systems AG
Riehenstrasse 62A, 4058 Basel, Switzerland
Ph: +41.61.383.2770, Fx: +41.61.383.2771, Info@phenixsystems.com

Phenix Asia
Zhong Cheng Rd, Sec 1, No 177, 2F, Taipei 11148 Taiwan
Ph: +886.2.2835.9738, Fx: +886.2.2835.9879, Info@phenixasia.com

ISO
9001:2008
Compliant

