

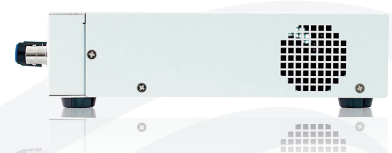


HFPA150

Neutral Electrode Impedance Tester

Simple and Convenient NE Contact Impedance Tester

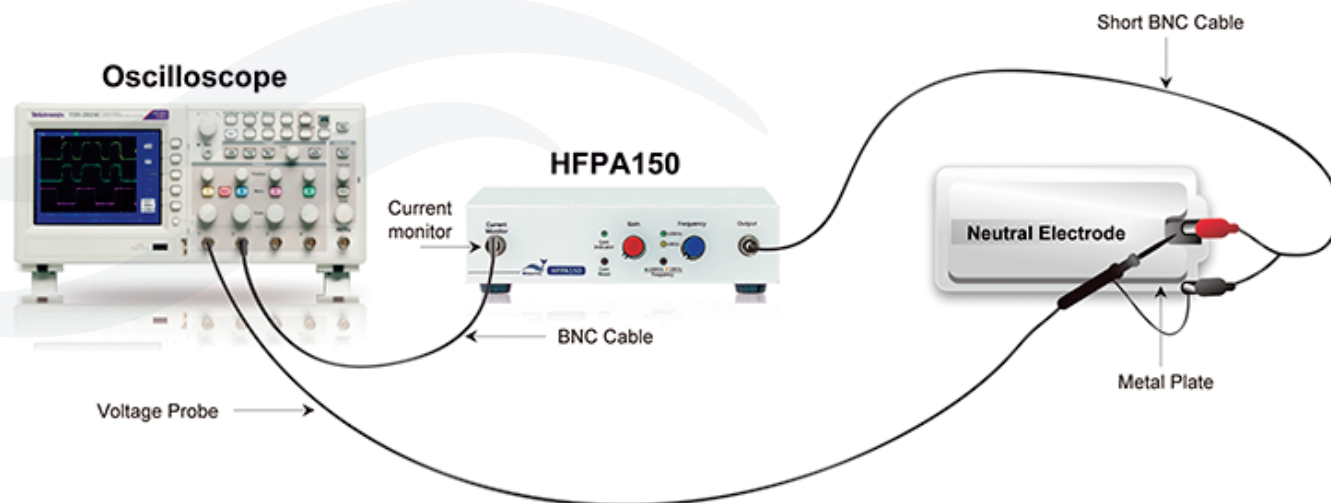
- Designed according to IEC 60601-2-2:2009 clause 201.15.101.6 for testing NE contact impedance
- Outputs 200mA into 0-50 Ω load from 50kHz to 5MHz
- Equipped with DDS (direct digital synthesis) technology for a stable frequency output
- Inbuilt current monitor port eliminating the need for expensive current probe



Required Test Equipment Combination

201.15.101 NEUTRAL ELECTRODES	HFPA150	Oscilloscope
201.15.101.6 NE contact impedance	●	●

HFPA150 Test Setup



HFPA150 Specifications

Parameters	Specifications
Frequency Range	50kHz to 5MHz
Maximum Voltage	11Vrms (~31Vpp), $\geq 50\Omega$
Maximum Current	$> 200\text{mA}_{\text{rms}}$, $\leq 50\Omega$
Waveform	Sine
Frequency Response	$< \pm 0.8\text{dB}$, 50Ω
THD	$< 0.3\%$ (-50.4dB), at $200\text{mA}_{\text{rms}}$, 50Ω , 1MHz
Impedance	$< 3.2\Omega + j0.4\mu\text{H}$
Auxiliary Equipment for Contact Impedance Test	Oscilloscopes (Ch1 connects with voltage probe to measure voltage, Ch2 connects with HFPA150 current monitoring interface to measure the current value)
Current Measurement Accuracy	$< \pm 5\%$
Current Measurement Frequency Range	50kHz to 5MHz
Current Measurement Connector Type	BNC
Power Source	Power Adapter Input: 100 ~ 240V, 50/60Hz Output: 12V DC / 2A
Environment	10°C to 40°C, 30% to 90%RH

