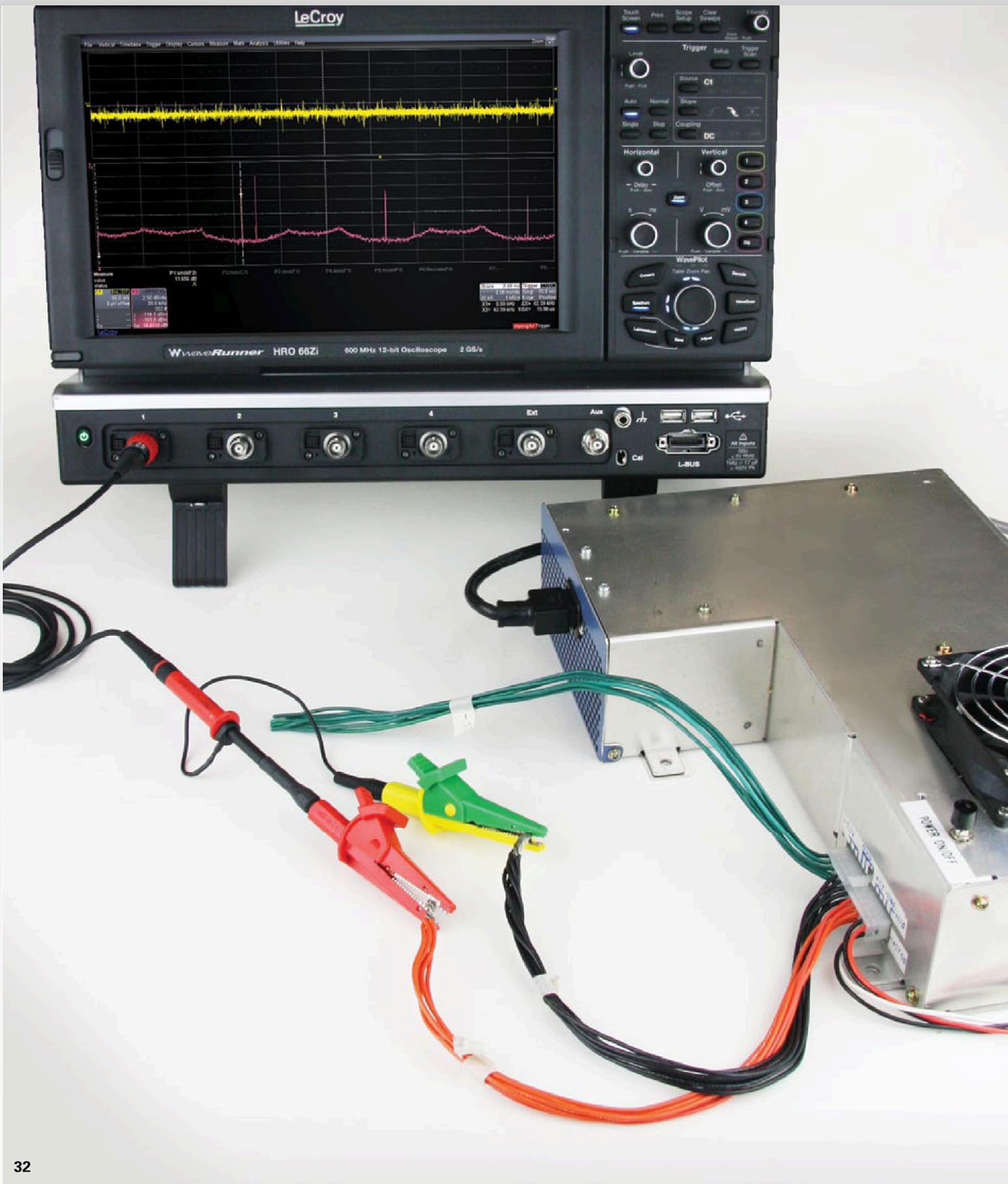


HIGH VOLTAGE PROBES



HIGH VOLTAGE PROBES

The PPE series of probes are suitable for a wide range of applications where high-voltage measurements must be made safely and accurately. There are five fixed-attenuation probes covering a range from 2 kV to 20 kV, and one switchable probe providing $\pm 10/\pm 100$ attenuation for voltage inputs up to 1.2 kV.

New technology which utilizes hybrid circuitry (and switch reading for probes with switchable gain/attenuation) minimizes ringing and overshoot to provide a precise response.

LeCroy
High Voltage Probe
Model Numbers:

PPE1.2KV
PPE2KV
PPE4KV
PPE5KV
PPE6KV
PPE20KV

*Opposite page:
PPE Series High Voltage Probe*

HIGH VOLTAGE PROBES



LeCroy
High Voltage Probe
Model Numbers:

- PPE1.2KV**
- PPE2KV**
- PPE4KV**
- PPE5KV**
- PPE6KV**
- PPE20KV**

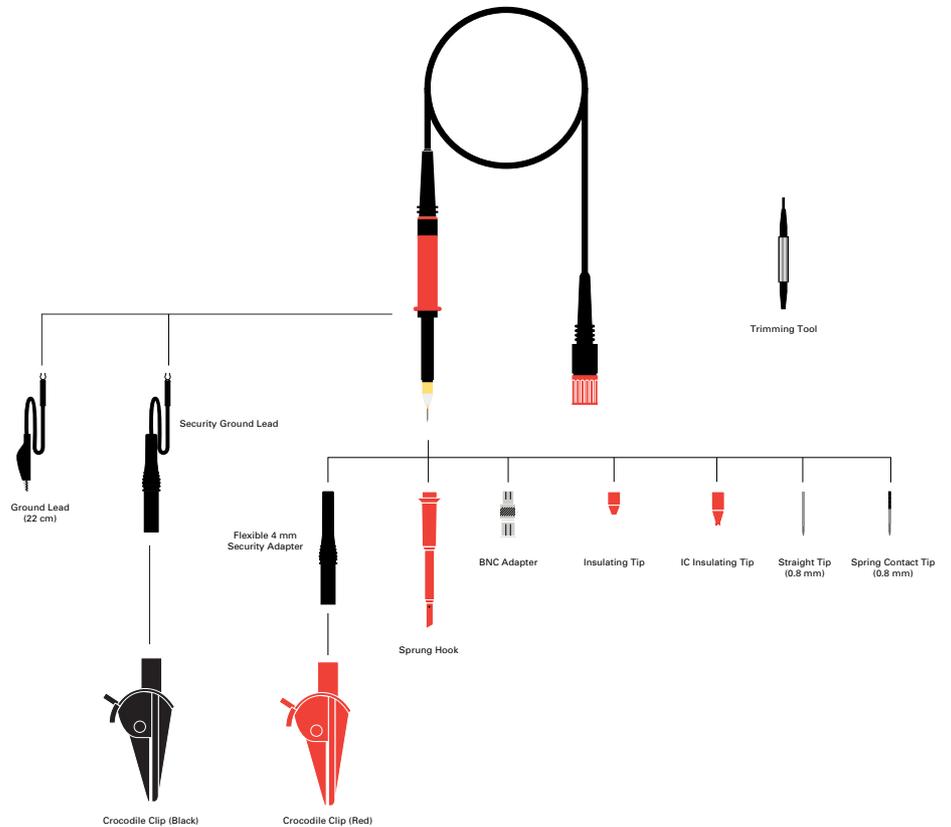
The PPE series includes five fixed-attenuation probes covering a range from 2 kV to 20 kV, and one switchable probe providing $\div 10/\div 100$ attenuation for voltage inputs up to 1.2 kV. All fixed-attenuation, standard probes automatically rescale compatible LeCroy oscilloscopes for the appropriate attenuation of the probe.

Features

- Safe, accurate high-voltage measurement
- 1.2 kV to 20 kV

High-Voltage Probes Selection Guide Specifications

Types	Bandwidth (MHz)	Input R (Ω)	Input C (pF)	Attenuation	Maximum Voltage	Probe Encoding	Cable
PPE1.2kV*	400	50 M	< 6	$\div 10 / \div 100$	600 V/1.2 kV	No	2 m
PPE2kV*	400	50 M	< 6	$\div 100$	2 kV	Yes	2 m
PPE4kV*	400	50 M	< 6	$\div 100$	4 kV	Yes	2 m
PPE5kV*	400	50 M	< 6	$\div 100$	5 kV	Yes	2 m
PPE6kV*	400	50 M	< 6	$\div 1000$	6 kV	Yes	2 m
PPE20kV [†]	100	50 M	< 2	$\div 1000$	20 kV (40 KV peak)	Yes	3 m



HIGH VOLTAGE PROBES

Ordering Information

Product Description	Product Code
÷10/÷100; 200/300 MHz; 5 MΩ/50 MΩ High-Voltage Probe 600 V/1.2 kV max. Voltage DC	PPE1.2KV
÷1000; 100 MHz; 50 MΩ High-Voltage Probe 20 kV (40 kV Peak) max. Voltage DC and Peak AC	PPE20KV
÷100; 400 MHz; 50 MΩ High-Voltage Probe	PPE2KV
2 kV max. Voltage DC and Peak AC	
÷100; 400 MHz; 50 MΩ High-Voltage Probe	PPE4KV
4 kV max. Voltage DC and Peak AC	
÷100; 400 MHz; 50 MΩ High-Voltage Probe	PPE5KV
5 kV max. Voltage DC and Peak AC	
÷1000; 400 MHz; 50 MΩ High-Voltage Probe	PPE6KV
6 kV max. Voltage DC and Peak AC	
Accessory Kit for PPE1.2kV, 2kV, 4kV, 5kV, and 6kV	PK103
Standard Probe Accessory Kit for PPE20kV	PK104
Ground Lead (15 cm)	PK104-1
Hook	PK104-2
Standard Probe Accessory Kit for PPE1.2kV, PPE2kV	PK103
Sprung Hook (red)	PK103-1
Ground Lead (22 cm)	PP005-G22
Crocodile Clip	PK30x-2
Probe Tip to BNC Adapter	PP005-BNC
IC Insulating Tip	
Screw Driver	
Probe Tip to Banana Plug Adapter	
Ground Lead with Banana Plug	
Spring Tip (0.8 mm)	PP005-ST8
Rigid Tip V2A	PP005-RT

Standard Accessory Kit for PPE20KV

Ground Lead (15 cm)	PK104-1
Hook	PK104-2

Supplied with probe:

*Probe Kit: Trimming tool, ground lead, rigid tip, IC insulator, BNC adapter, tip insulator, spring hook, red crocodile clip. 4 mm safety ground lead, and green/yellow crocodile clip.

† Probe Kit: trimming tool, and ground lead with a crocodile clip.