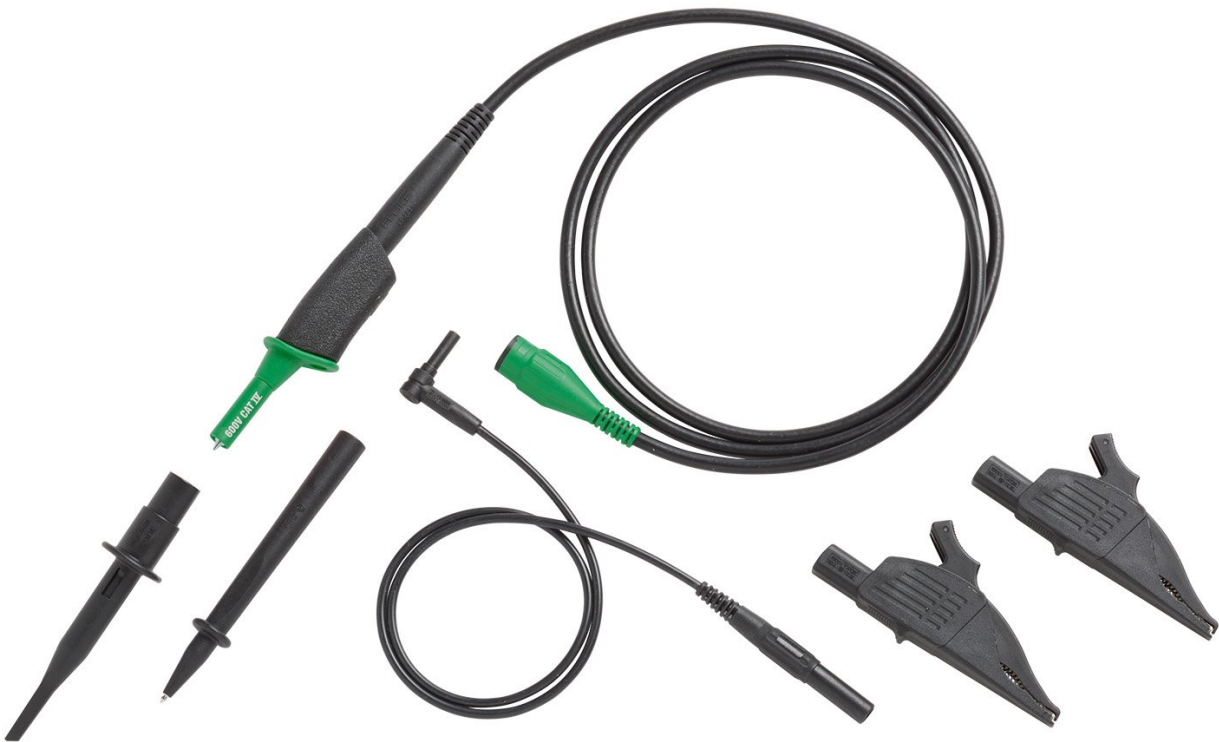


TECHNICAL DATA

Fluke VPS421 Series High Voltage Probes





Key features

- Ideal for electromechanical troubleshooting applications
- Designed for high input voltage scenarios
- 100:1 voltage ratio and 150 MHz bandwidth
- 4mm probe tip compatible with large jaw alligator clips
- CAT III 1000 V / CAT IV 600 V rated

Product overview: Fluke VPS421 Series High Voltage Probes

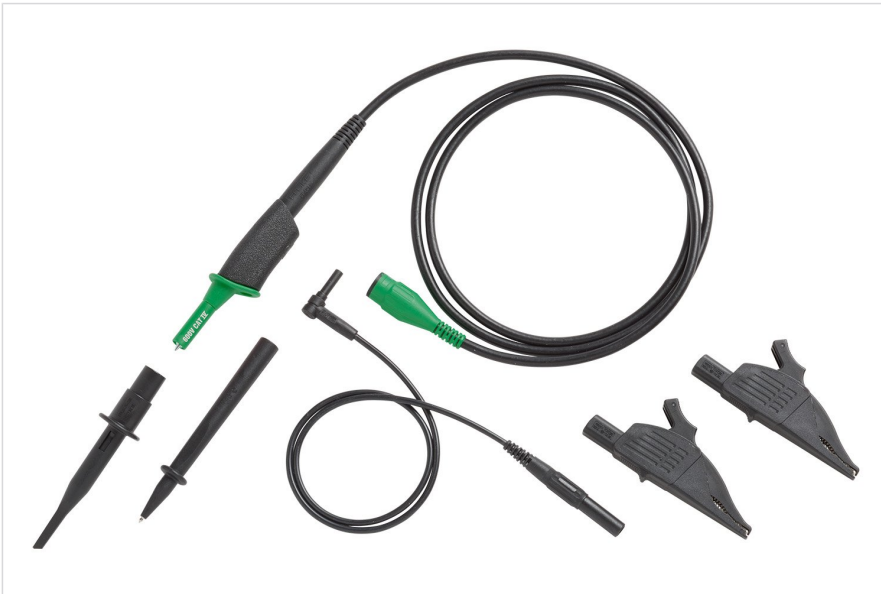
Pair the Fluke VPS421 Series High Voltage Probes with the [Fluke 190 Series III](#) and Series II Portable Oscilloscopes or with the [MDA-500 Series Motor Drive Analyzers](#). These ruggedized probes offer a 100:1 voltage ratio, making them ideal for testing situations with high working voltages. The VPS421 has an improved probe tip design, consisting of a 4mm shrouded banana plug with a specialized tip that restricts the amount of exposed metal, helping prevent accidental contact. The shrouded probe tip is compatible with a wide range of accessories, including the [Fluke MP1 Magnetic Probe Tips](#) and the [Fluke AC285 SureGrip™ Alligator Clips](#), allowing technicians to get a stable grip on both large bolts and contacts.

Specifications: Fluke VPS421 Series High Voltage Probes

Specifications*	
Aenuation	100:1
Bandwidth	150 MHz
Safety Rating of individual contacts	CAT III 1000V / CAT IV 600V
Working Voltage between contacts, in CAT III environment	Probe tip to reference lead: 2000V ttProbe tip to earth-ground: 1000V ttReference lead to earth-ground: 1000V
Working Voltage between contacts, in CAT IV environment	Probe tip to reference lead: 1200V ttProbe tip to earth-ground: 600V ttReference lead to earth-ground: 600V
Input Resistance	100 Mu03a9
Input Capacitance	5.2 pF
Cable Length	1.2 m (3.9 ft)
Safety	IEC / EN 61010-031 ttUL 61010-031 ttCSA C22.2 No. 61010-031
Max. Altitude	3000 m
Pollution Degree	2
Protection Class	II (double insulation)

*Specification of probe is valid only when used with Fluke ScopeMeter 190-xxx models and MDA-500 series.

Ordering information



Fluke VPS421-R Voltage Probe

Fluke VPS421-R Voltage Probe - RED

Includes:

- Voltage Probe, with safety shrouded 4 mm tip
- Hook Clip for 4 mm shrouded Probe Tip
- Reference Lead with 4 mm Banana Plug
- 2 Alligator Clips for 4 mm Banana Plug
- Test Probe for 4 mm Banana Plug

Fluke VPS421-B Voltage Probe

Fluke VPS421-B Voltage Probe - BLUE

Includes:

- Voltage Probe, with safety shrouded 4 mm tip
- Hook Clip for 4 mm shrouded Probe Tip
- Reference Lead with 4 mm Banana Plug
- 2 Alligator Clips for 4 mm Banana Plug
- Test Probe for 4 mm Banana Plug

Fluke VPS421-G Voltage Probe

Fluke VPS421-G Voltage Probe - GREY

Includes:

- Voltage Probe, with safety shrouded 4 mm tip
- Hook Clip for 4 mm shrouded Probe Tip
- Reference Lead with 4 mm Banana Plug
- 2 Alligator Clips for 4 mm Banana Plug
- Test Probe for 4 mm Banana Plug

Fluke VPS421-V Voltage Probe

Fluke VPS421-V Voltage Probe - GREEN

Includes:

- Voltage Probe, with safety shrouded 4 mm tip
 - Hook Clip for 4 mm shrouded Probe Tip
 - Reference Lead with 4 mm Banana Plug
 - 2 Alligator Clips for 4 mm Banana Plug
 - Test Probe for 4 mm Banana Plug
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