

HIGH VOLTAGE DIFFERENTIAL PROBES



LeCroy
High Voltage
Differential Probes
Model Numbers:

AP031
ADP300
ADP305

The AP031 is a low cost, battery operated active differential probe intended for measuring higher voltages. The differential techniques employed permit measurements to be taken at two points in a circuit without reference to the ground, allowing the oscilloscope to be safely grounded without the use of opto-isolators or isolating transformers.

Features

- Safe floating measurements
- 15 MHz bandwidth
- 700 V maximum input voltage
- Works with any 1 M Ω input oscilloscope

AP031 Specifications

Attenuation	$\div 10 / \div 100$
Bandwidth	15 MHz
Input R	4 M Ω
Differential Mode Range	$\pm 70 \text{ V} / \pm 700 \text{ V DC} + \text{Peak AC}$
Common Mode Range	$\pm 700 \text{ V DC} + \text{Peak AC}$
CMRR	86 dB @ 50 Hz 56 dB @ 200 kHz

Power Requirements: four AA batteries