

# HIOKI

DC HIGH VOLTAGE PROBE P2000

**NEW** Preview

To Be Released In December 2021

*World's First*  
**CAT III**  
**2000 V**  
*DC HIGH VOLTAGE PROBE*



## Safe Inspection of Photovoltaic Power Generation Facilities with Increasingly High Voltage

Photovoltaic power generation equipment are becoming increasingly high-voltage in order to reduce costs and improve the efficiency of power generation systems. As a result, it is important to select measuring instruments that support higher voltage measurement to protect the safety of inspection workers.

The P2000 enables high voltage measurement up to CAT III 2000 V by simply connecting to a compatible HIOKI clamp meter or digital multimeter.



CE



## P2000 Compatible Models

\*These Clamp Meters will be released in December 2021



**DIGITAL MULTIMETER**  
DT4261



**AC/DC CLAMP METER**  
CM4375-50



**AC/DC CLAMP METER**  
CM4373-50



**AC/DC CLAMP METER**  
CM4371-50



**AC CLAMP METER**  
CM4141-50

## P2000 Specifications

Maximum input voltage (max. rated voltage between INPUT H-INPUT L)	DC 2000 V
Maximum rated voltage to earth	2000 V (Measurement Category III) anticipated transient overvoltage 15,000 V 1000 V (Measurement Category IV) anticipated transient overvoltage 12,000 V
Input resistance	20 MΩ ±1.0% (between INPUT H – INPUT L)
Output ratio	Depends on the input impedance of the connected device (example: 1/10 when a device with an input impedance of 10 MΩ is connected)
Low-pass filter passband	33 Hz (-3 dB ±1 dB) *Output at DC voltage input is 0dB
Overload protection	DC/AC 2200 V 1 minutes (between INPUT H – INPUT L) DC/AC 600 V 1 minutes (between OUTPUT H – OUTPUT L)
Secondary terminal	4 mm banana terminal
Operating environment	Indoor use, pollution degree 2, altitude up to 2000 m
Operating temperature and humidity range	Temperature: -25°C to 65°C Humidity: -25°C to 40°C, up to 80% RH (non-condensing) 40°C to 65°C, (the operation humidity limit falls linearly from 40°C 80% RH to 65°C 25% RH, given that there is no condensation)

Storage temperature and humidity range	-30° C to 70° C 90% RH or less (non-condensing)
Applicable standards	Safety EN 61010
Weight	300 g ±30 g
Product warranty period	3 years (probe body and cable part are not covered by warranty)
Accessories	L4943 connection cable, Strap with buckle, C0205 carrying case, "Instruction Manual", "Usage Precautions"

### Accuracy in combination with the DT4261 or CM series

Models	Combination Accuracy Specifications (Reference value)
DT4261	±0.5% rdg. ±5 dgt.
CM4375-50	±1.0% rdg. ±3 dgt.
CM4373-50	
CM4371-50	
CM4141-50	

**HIOKI**  
HIOKI E. E. CORPORATION

#### HEADQUARTERS

81 Koizumi,  
Ueda, Nagano 386-1192 Japan  
<https://www.hioki.com/>



Scan for all regional contact information

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