

# HIOKI

## DC HIGH VOLTAGE PROBE P2000

**NEW**

instrumentos  
de medida

SEPTIEMBRE 31 28022 MADRID  
Tel. 91300 0191  
www.idm-instrumentos.es  
email: idm@idm-instrumentos.es

*World's First*  
**CAT III  
2000 V**



## 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 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)<br>1000 V (Measurement Category IV)  |
| 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)   |
| Overload protection  | DC/AC 2200 V 1 minutes (between INPUT H – INPUT L)<br>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<br>Humidity: -25°C to 40°C, up to 80% RH (non-condensing)<br>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  |

|                         |   |
|-------------------------|---|
| Product warranty period | 3 years (probe body and cable part are not covered by warranty)   |
| Accessories             | L4943 connection cable, Strap belt, Strap buckle x2, C0205 carrying case, "Instruction Manual", "Usage Precautions" |

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

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

## Model

Model : AC HIGH VOLTAGE PROBE P2000

Model No. (Order Code) ..... P2000

## P2000 Compatible Models



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

# HIOKI

HIOKI E. E. CORPORATION

### HEADQUARTERS

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



Scan for all regional contact information

DISTRIBUTED BY

instrumentos  
de medida

SEPTIEMBRE 31 28022 MADRID

Tel. 91 3000191

[www.idm-instrumentos.es](http://www.idm-instrumentos.es)

email: [idm@idm-instrumentos.es](mailto:idm@idm-instrumentos.es)