



Calibration Certificate

Customer Name :
City,State :

Manufacturer :
Model Name :
Model Number :
Serial Number :
User Number :

Calibration Item : DC Voltage
Procedure Name : HIOKI E.E. CORPORATION DC Voltage Calibrator Calibration Manual
(HES-CAM 5.1-5.4 Manual 001-01)

Calibration Room Condition

Temperature, Relative Humidity : $23\text{ }^{\circ}\text{C} \pm 1\text{ }^{\circ}\text{C}$, $50\text{ \%rh} \pm 5\text{ \%rh}$
Power Supply Voltage : $100\text{ V} \pm 1\text{ V}$
Power Supply Frequency : $60.0\text{ Hz} \pm 0.6\text{ Hz}$

Date of Accept :
Date of Calibration :
Date of Certificate :

Comments

HIOKI E.E. CORPORATION
81,Koizumi, Ueda, Nagano, Japan
Metrology Manager, xxxxxxxx

(Signature)

This certificate is based on article 144 of the Measurement Law and indicates the result of calibration in accordance with measurement standards traceable to Primary Measurement Standards (National Standards) which realizes the physical units of measurement according to the International System of Units (SI). The accreditation symbol is attestation of which the result of calibration is traceable to Primary Measurement Standards (National Standards).

The certificate shall not be reproduced except in full, without the written approval of the issuing laboratory.

The calibration laboratory who issued this calibration certificate conforms to ISO/IEC 17025:2005.

This calibration certificate was issued by the calibration laboratory accredited by IAJapan who is a signatory to the Mutual Recognition Arrangement (MRA) of International Laboratory Accreditation Cooperation (ILAC) and Asia Pacific Laboratory Accreditation Cooperation (APLAC). This (These) calibration result(s) may be accepted internationally through ILAC/APLAC MRA.

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Calibration Final Data

Range	Output	Calibration Value	Expanded Uncertainty	Coverage Factor(k)
1 000 V	1 000 V	999.993 V	0.026 V	2
330 V	100 V	99.999 3 V	0.001 3 V	2
33 V	10 V	9.999 93 V	0.000 10 V	2
3.3 V	1 V	0.999 993 V	0.000 012 V	2
330 mV	100 mV	100.000 5 mV	0.002 3 V	2
Effective degree of freedom		(Entry only Coverage Factor over 2)		

Calibration Condition

Note 1. Coverage Factor $k = 2$: Expanded uncertainty is estimate normal distribution, multiply Combined standard uncertainty by Coverage factor $k = 2$, equivalent about 95% of Level of confidence.

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