



Calibration Certificate

Customer Name :
City,State :

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

Calibration implementation location : HIOKI E.E. CORPORATION Calibration Room/ temperature Calibration space
81,Koizumi, Ueda, Nagano, Japan

Calibration implementation 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, Katsutoshi Kubota

(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 17025:2017.

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

Calibration Final Data

Calibration Item : DC Voltage

Range	Output	Calibration Value	Expanded Uncertainty	Coverage Factor(k)
1 000 V	1 000 V	999.993 V	0.026 V	2

Effective degree of freedom (包含係数 2 を超える場合のみ記載)

The calibration value is set value by unit under test.

Procedure Name : HIOKI E.E. CORPORATION DC Voltage Calibrator Calibration Manual (D3756-xxxx)

Calibration Condition :

Calibration Item : DC Current

Range	Output	Calibration Value	Expanded Uncertainty	Coverage Factor(k)
330 mA	100 mA	99.999 mA	0.030 mA	2

Effective degree of freedom (包含係数 2 を超える場合のみ記載)

The calibration value is set value by unit under test.

Procedure Name : HIOKI E.E. CORPORATION DC Current Calibrator Calibration Manual (D3756-xxxx)

Calibration Condition :

Note :

The expanded uncertainty does not include the uncertainty made by the stability of equipment under calibration (aging, short period drift, etc.).

The expanded uncertainty is estimated distribution at calibration value and equivalent to level of confidence about 95%.

Case of $k = 2$ at coverage factor, the expanded uncertainty is estimated normal distribution.

Case of $k = 1.65$ at coverage factor, the expanded uncertainty is estimated rectangle distribution.

Case of $k > 2$ at coverage factor, the expanded uncertainty is estimated t distribution.

- End -