

Calibration Certificate

Client Name: * * * * *
Client Address: * * * * *
Calibration Site: Meteorological Instrument Center,
Japan Meteorological Agency (JMA)
Calibration Item: * * * * *
Type and Serial Number: * * * * *
Manufacturer: * * * * *
Calibration Method: As shown in page 2
Calibration Conditions: Temperature * * °C - * * °C
Relative humidity * * % - * * %
Atmospheric pressure * hPa - * hPa
Calibration Results: As shown in page 2
Date of Application: * * * * *
Date of Performing Calibration: * * * * *
Date of issue: * * * * *

The issuing authority

Head, Meteorological Instrument Center
Observation Division, Observation Department
Japan Meteorological Agency
1-2 Nagamine Tsukuba-City Ibaraki, 305-0052, Japan

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.

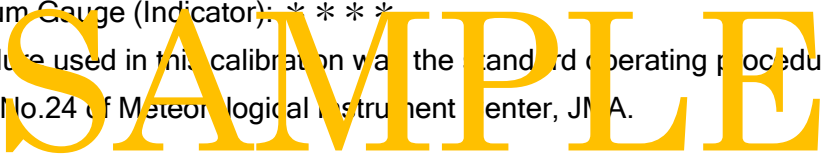
Calibration method

- 1) The calibration item was calibrated with the reference standards of Meteorological Instrument Center, JMA.
- 2) The calibration was performed in absolute pressure and the gas medium was dry air.
- 3) The calibration was performed three times at the calibration points from the highest to the lowest of pressure and in reverse order. Six data for one minute were collected at each calibration point. Indication of the calibrated item at each calibration point is an average of the six data.

- 4) The reference standards of Meteorological Instrument Center, JMA;

Pressure Balance: * * * *
 Thermometer (Sensor): * * * *
 Thermometer (Indicator): * * * *
 Vacuum Gauge (Sensor): * * * *
 Vacuum Gauge (Indicator): * * * *

- 5) The procedure used in this calibration was the standard operating procedure manual No.23 and No.24 of Meteorological Instrument Center, JMA.



Calibration results

Calibration point (pressure) (hPa)	Indication of the Calibrated item (pressure) (hPa)	Expanded uncertainty (hPa)
50.00	* * *	* * *
100.00	* * *	* * *
200.00	* * *	* * *
300.00	* * *	* * *
400.00	* * *	* * *
500.00	* * *	* * *
600.00	* * *	* * *
800.00	* * *	* * *
900.00	* * *	* * *
1000.00	* * *	* * *
1050.00	* * *	* * *

Notes

- 1) The calibration point in the calibration results is the pressure at the reference level (* * * *) of the calibrated item.
- 2) The reported expanded uncertainty is stated as the combined standard uncertainty multiplied by the coverage factor $k=2$, which for a normal distribution corresponds to a coverage probability of approximately 95 %.

-End of the Certificate-