



CALIBRATION CERTIFICATE

Customer name : *****Co., LTD.
 Customer address : **, **, **, **, Japan
 Product : ACCELEROMETER
 Model/ Serial number : Accelerometer:PV-00、 00000
 Charge Amplifier:UV-15、 00000000
 Manufacturer : Accelerometer:RION CO. , LTD.
 Charge Amplifier:RION CO. , LTD.
 Calibration item : Voltage sensitivity
 Calibration method : Comparison with working measurement standard accelerometer
 according to JCSS calibration procedure specified by RION.
 Ambient conditions : Temperature 23 °C ± 5 °C, Relative humidity 50 % ± 25 %
 Calibration date : **/**/**** (DD/MM/YYYY)

We hereby certify that the results of this calibration were as follows.

In charge of calibration
 (Signature)

Issue date : **/**/**** (DD/MM/YYYY)



Manager
 Quality & Environmental Management System Section,
 Quality & Environmental Management System Center,
 RION CO., LTD.
 3-20-41 Higashimotomachi, Kokubunji,
 Tokyo 185-8533, Japan

This certificate is based on article 144 of the Measurement Act 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 RESULT

1. Voltage sensitivity

Frequency (Hz)	Setting Acceleration level(m/s ²)	Measured (mV· s ² /m)	*Expanded Uncertainty (%)
20	10	12.65	1.9
25	10	12.59	2.2
31.5	10	12.54	2.3
40	10	12.50	1.5
50	10	12.46	1.4
63	10	12.43	1.4
80	10	12.38	1.4
100	10	12.36	2.4
125	10	12.33	3.1
160	10	12.28	1.6
200	10	12.26	2.6
250	10	12.24	1.6
315	50	12.18	1.4
400	50	12.16	3.7
500	50	12.13	3.7
630	50	12.09	1.3
800	50	12.07	1.3
1000	100	12.04	1.2
1250	100	12.03	1.3
1600	100	11.99	1.8
2000	100	11.97	2.4
2500	100	11.99	3.0
3150	100	12.03	1.8
4000	100	12.06	2.3
5000	100	12.23	3.6
6300	100	12.46	3.8
8000	150	12.81	2.1
10000	200	13.87	3.8

* Defines an interval estimated to have a level of confidence of approximately 95 %.
Coverage factor $k=2$

Calibration result is the calibration value in ambient conditions during calibration.

Setting sensitivity : 5.00 pC / (m/s²)

Setting range : 100 m / s²

Calibration condition

1. Working measurement standard accelerometer (and charge amplifier)

Accelerometer (sensor, working measurement standard)

Model 8002K

Serial number 0000000

Charge amplifier

Model UV-15

Serial number 00000000

2. Measurement condition

Installation torque: 2 N·m

Shaking direction: Vertical

Accelerometer (sensor) case temperature: 23 °C ± 5 °C

- closing -

SAMPLE