



**JAPAN MARINE SCIENCE INC.**

SOLID SQUARE EAST TOWER 3F, 580, Horikawa-cho, Saiwai-ku, Kawasaki-city, Kanagawa, 212-0013, JAPAN  
TEL: +81-44-548-9130, FAX: +81-44-548-9134

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Dear Sirs,

**Guide to Tests with JMS's Large 3-Dimensional Vibration Test Table**

1) location

5-32-84 Sugita, Isogo-ku, Yokohama, Kanagawa Prefecture (13 minutes walk from Shin-Sugita Station on the JR Keihin Tohoku Line)

2) Usage time:

Test hours (including preparation and teardown) are weekdays from 9:00 to 17:00 (Excluding break time [lunch]: 12:00-13:00 in principle)

\*Please contact us separately regarding testing and work on Saturdays, Sundays, and holidays.

3)Exam fee:

[Basic test fee]: 2.2 million yen/day, 1.8 million yen/day from the second day onwards (including A to D below).

- A Work details: Test preparation (crane operation, accelerometer installation, etc.), shaking table operation, analysis  
\*Test specimen installation is the responsibility of the customer.
- B Acceleration measurement: 39ch (1 measurement point as 3 channels of x, y, z on a shaking table, 12 locations on the test object)  
Standard equipment: Strain gauge type ARF-200A (for single axis 20G) manufactured by Tokyo Measuring Instruments Laboratory Co., Ltd.
- C Report creation: 1 copy (Japanese) \*Will be shipped 10 business days after the last day of the exam.
- D Lunch

[Additional test fee (optional)]

① Preparation/unloading work

: If loading/installation, dismantling/unloading is done all day the day before the test or the next day:

1.2 million yen/day

: If delivery and installation are carried out in the afternoon of the day before the test: 600,000 yen/half day (3.5 hours from 13:30 to 17:00)

: If removal and removal are done on the morning of the next day of the test: 600,000 yen/half day(3.5 hours from 9:00 to 12:30)

\*Half-day work around the test date is limited to customers who will be conducting the test for two or more days.

\*Lunch will not be provided for half-day work days.

② Reserve day: 1.8 million yen/day

③ Overtime work: When conducting tests: 300,000 yen/hour, when only performing work: 200,000 yen/hour



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- ④ Additional accelerometer: 15,000 yen/ch \*Maximum number of measurements is 60 channels.  
Please apply 2 months in advance to make additional arrangements.
  - ⑤ Calibration certificate: 10,000 yen/ch
  - ⑥ Strain measurement
    - : Measurement fee 5,000 yen/axis (standard setting is maximum approximately 4000μm/m)
    - : Strain gauge attachment fee: 5,000 yen/shaft \*No charge if attached by the customer.
    - : Strain gauge arrangement fee: 1,500 yen/shaft \*This will not be charged if the customer arranges it.
  - ⑦ Displacement measurement [Laser] 150,000 yen/test body  
equipment used: Keyence Co., Ltd. laser displacement meter IL-2000  
\*Up to 3 test specimens can be measured simultaneously.  
[Motion capture] Basic measurement (3 channels x, y, z per measurement point) 200,000 yen  
If measuring 2 or more points, an additional 30,000 yen per measuring point \*Please contact us for details.
  - ⑧ Video 100,000 yen/day (50,000 yen/day from the second day onwards)  
\*Divide into 4, 6 or 9 parts and consist of test status, excitation acceleration, seismic intensity, sweep frequency information, etc.
    - : Extract 1 screen and create a disc 10,000 yen/1 test
    - : In case of DVD delivery, extra disc is 10,000 yen/1 set.
  - ⑨ Seismic intensity meter: 150,000 yen/day (100,000 yen/day from the second day onward)  
manufactured by RION Co., Ltd., compliant with Japan Meteorological Agency Notice No. 4
  - ⑩ Weight/center of gravity measurement: 50,000 yen/test specimen
  - ⑪ Additional report: Additional issue or creation of a different type of report: 100,000 yen/copy (200,000 yen/copy for English)
    - : Report reissue: 50,000 yen/copy
  - ⑫ Forklift: Rental will be arranged for an additional fee. (We can also arrange an operator if necessary)
  - ⑬ Production of test jigs, etc.: We will produce them for an additional fee. (Please contact us each time as we may not be able to accommodate you)
  - ⑭ Waveform creation: Basic creation fee starts from 500,000 yen. Details will be decided upon consultation.
  - ⑮ Trial vibration: The first wave is free. Starting from 100,000 yen from the second wave (varies depending on waveform length)
- 4) Order: Please place your order using the customer's specified order form or our order form.  
When the order form is received, the test contents and the test date will be determined.
- 5) Cancellation fee: For exam cancellations or schedule changes, cancellation fees will be charged as shown in the table below.  
This also applies if the exam schedule is shortened as a result of the exam implementation.



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- ① If your reservation is within 2 days.
  - For cancellations 2 months to 1 month prior to the fixed test date: 50%
  - For cancellations 1 month prior to the fixed test date: 100%
- ② If your reservation is for 3 to 5 days.
  - For cancellations 3 months to 1.5 month prior to the fixed test date: 50%
  - For cancellations 1.5 month prior to the fixed test date: 100%
- ③ If your reservation is for 6 to 10 days.
  - For cancellations 4 months to 2 month prior to the fixed test date: 50%
  - For cancellations 2 month prior to the fixed test date: 100%
- ④ If your reservation is for 11 days or more.
  - For cancellations 6 months to 4 month prior to the fixed test date: 50%
  - For cancellations 4 month prior to the fixed test date: 100%

**6) Payment terms:**

Please pay the entire amount by bank transfer by the end of the month following the test fee request.

The transfer fee shall be borne by the customer.

We may also ask you to pay the test fee in advance.

**7) Inquiries and applications:**

Please contact each person in charge via email or phone below.

E-mail: JMS.ML.YHLAB\_PR@jms-inc.jp

Phone: +81-45-772-1324

FAX: +81-45-772-1475

URL: <https://www.jms-inc.jp/products/oscillation/jp>

**<General Inquiries and Applications>**

Please contact Mr. Makoto Okumura in YOKOHAMA LAB

**<Technical Inquiries >**

Please contact Mr. Toshikazu Takahashi in YOKOHAMA LAB