



Dear Sirs:

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

1) Vibration-Wave Pattern

a) Test for Vibration Characteristics:

Tests for a specimen's vibration characteristics are first conducted at random frequencies. The frequency-analysis method is then used to calculate the transfer function and determine the specimen's characteristic frequency.

b) Earthquake waves, etc.:

Wave patterns in the laboratory's stock: Hanshin-Awaji, El Centro, Tuft, Off-Kushiro, etc.

Wave patterns supplied by the customer must be in ASCII file form, within the vibration table's vibrator characteristics, and available two weeks or more before testing.

2) Test

Testing time: 09:00 – 17:00 (noon recess: 12:00 – 13:00).

The customer is responsible for setting the specimen on the vibration table, removing the specimen from the table, and confirming any damage to the specimen.

The customer is responsible for preparing any fixtures or jigs for installing the specimen on the vibration table.

3) Price

[Basic Price]

JPY 1,800,000/day for the 1st day, and JPY 1,200,000/day for the 2nd day and any subsequent days.

a) Number of acceleration sensor:

100 G: 8 ch – 50 G: 1 ch – 20 G: 13 ch – 10 G: 9 ch – 5 G: 9 ch

If needed, another acceleration sensor can be rented.

b) Report: 1 set (in Japanese)

Reports in English are available at an additional JPY 100,000.

c) Work contents:

Acceptance of the specimen on the test date, performance of tests, and support for setting the specimen on the test table and removing it.

[Additional price]

a) Overtime work: JPY 100,000/hour

b) Acceptance and/or setting in the afternoon before the test date: additional JPY 100,000.

Dismounting and/or removal in the morning after the test date: additional JPY 100,000.

If a full day is needed for the above: JPY 300,000/day

c) Displacement measurement: JPY 150,000/day.



- d) If needed, a forklift can be rented.
- e) If another electric power source is needed, an electric generator can be rented.

4) Fixed Test Date

After receipt of a firm order, we will officially fix the test date.

5) Cancellation Fee

If you would like to cancel the test or change the date after the test date has been fixed, we will charge a cancellation fee as shown in the following percentages of the total amount of our quotation.

- ① For cancellations one month to fifteen days prior to the fixed test date: 10%
- ② For cancellations two weeks to eight days prior to the fixed test date: 20%
- ③ For cancellations one week to one day prior to the fixed test date: 50%
- ④ For cancellations on the fixed test date: 100%

6) Payment terms

After receipt of our invoice, payment in cash must be made by the end of the next month.

Half the amount of the test fee might be required as advanced payment for first customers.

7) Contact Address

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