

**Rice Test Vibrating Table  
BM708**

Impact Test Equipment Ltd  
[www.impact-test.co.uk](http://www.impact-test.co.uk) & [www.impact-test.com](http://www.impact-test.com)

User Guide  
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The Rice Test Vibrating Table consists of pyknometer plate & clamping system mounted over an electric motor fitted with eccentric weights; these eccentric weights turn and impart vertical sinusoidal vibrations to the plate.

The table vibration releases trapped air from dense material, resulting in more accurate and uniform test results.

The front panel incorporates an on/off switch and a 0-60 minute timer.



## **Installation**

Installation should be carried out by suitably qualified personnel.

The machine is usually packed in a wooden case or in a carton that allows it to be moved easily.

The equipment must be protected from dust, water & humidity.

When unpacking, check for damage. if in any doubt, do not use the machine, contact Impact Test Equipment.

Before disposing of packaging materials, check that no instructions, parts or accessories are contained within the packaging. Please ensure that all materials are disposed of in line with the applicable local regulations.

The machine is designed for use within a laboratory environment and must be sited in a suitable location, protected from dust and water and extremes of temperature and humidity. It must be installed with free space on either side to leave room for maintenance to be carried out.

It must be sited on a clean, flat surface, free from oil and grease.

Operating Temperature: +5 deg C - +40 deg C

Operating Humidity: 30% - 90%

The electrical connection must be carried out by a suitably qualified electrician. The machine information plate must be checked for details of voltage and frequency before installation and the earth must be connected before any other connections.

## **Operation**

The pyknometer containing the sample is placed on the platform, which must be level.

The top bar of the clamping system is lowered into place to secure the pyknometer & the nuts are tightened, to a degree that the pyknometer is located securely on the base during vibration

Use the main on/off switch to power up the table and set the required test time on the timer. The timer will operate between 0 and 60 minutes.

At the end of the test the table will cease vibration.

***In the case of an emergency use the power switch to stop the vibration of the table.***

Clean the table after each use.