MAUL-THEET
Vibration Test & Analysis

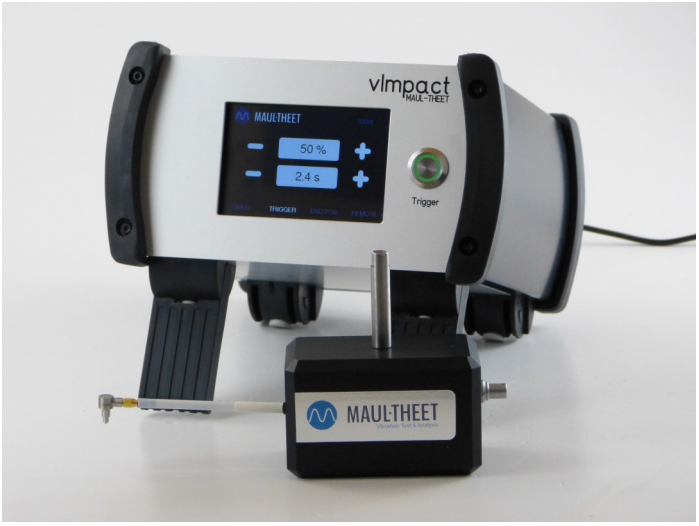
vImpact-62

Automatic Modal Hammer

for high frequencies

- *Automatic Modal Hammer*
- *Adjustable Force Amplitude*
- *Adjustable Impact Rate*
- *Timer Operation*
- *External Trigger Closer Contact*
- *Excitation Force > 150 N peak*
- *Frequency Range up to 60kHz*
- *High Impact Reproducibility*
- *Touch Screen*
- *Remote Control*

As is known from practice, manual excitation with a small modal hammer without "double hits" is almost impossible. Here the **vImpact-62** can help. He works without "double hits" in all directions with a max. Impact force of 150 N pk.



With the new **vImpact-62**, structures can be excited precisely and reproducibly. The excitation forces are measured with the load cell in the hammer head, which is suitable for frequency ranges up to 60 kHz. This makes the small modal hammer particularly interesting for acoustic and laser measurements.
To align the hammer head, it can be brought into the later striking position using the switch on the front
.
The **vImpact-62** system consists of three components:

- Hammer head
- Touch Control unit
- Power Supply

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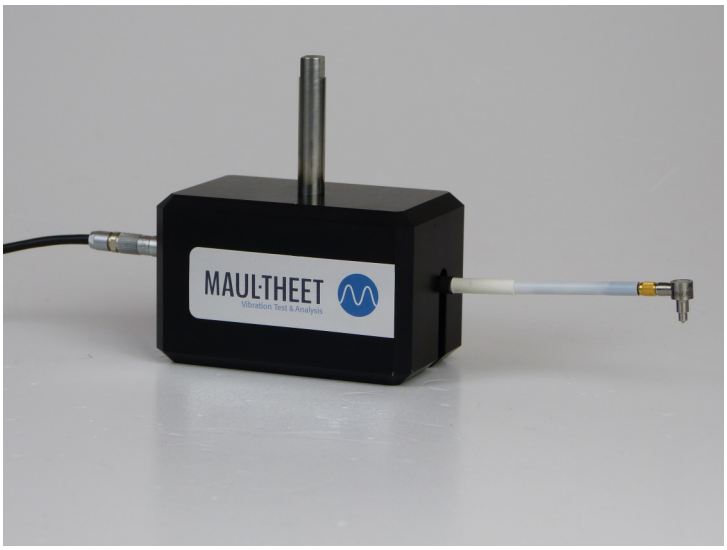
The **vImpact-62** modal hammer can be triggered in four various ways:

- With the internal timer in the range of 2 hits per second up to 1 hit per 9999 seconds.
- Manually with the trigger button at the control unit.
- By closing the external input with a switch through an extension cable or by any device with a closing contact.
- By ASCII commands sent via the USB Port



Technical Specifications:

Impact Force	Adjustable
Max. Force	> 150 N
Frequency Range	Up to 60kHz, depending on object
Coupling	2-4 mA, IEPE
Trigger	Timer Button External contact (Closer) TTL-Signal 40….200ms
Power supply	24V DC
Mass	Head: 0.412 kg, Controller: 0.6 kg
Dimensions Head	180 x 50 x 50 mm

Information:

For further information please contact us.

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