



vImpact-6I

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

Automatic Modal Hammer

for high frequencies

As is known from practice, manual excitation with a small modal hammer without “double hits” is almost impossible. Here the **vImpact-6I** can help. He works without “double hits” in all directions with a max. Impact force of 150 N pk.



With the new **vImpact-6I**, 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

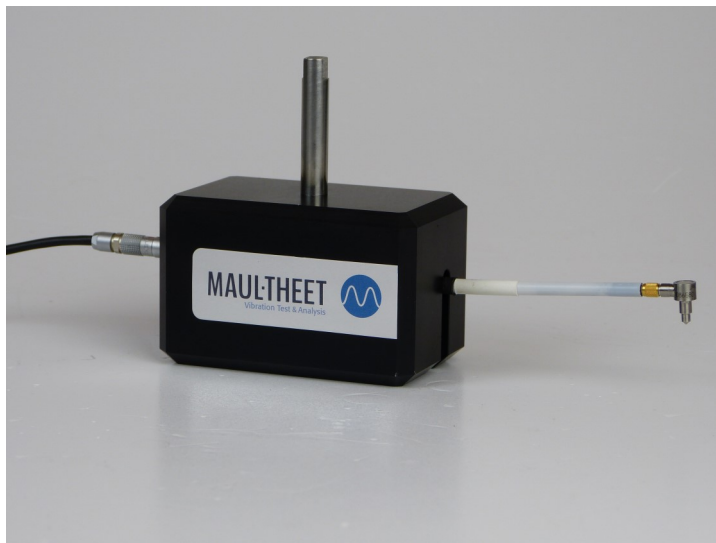
The **vImpact-6I** system consists of three components:

- Hammer head
- Control unit
- Power Supply



The **vlmpact-6I** 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 1000 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 TTL signal.



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:

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