



vlImpact-200 I

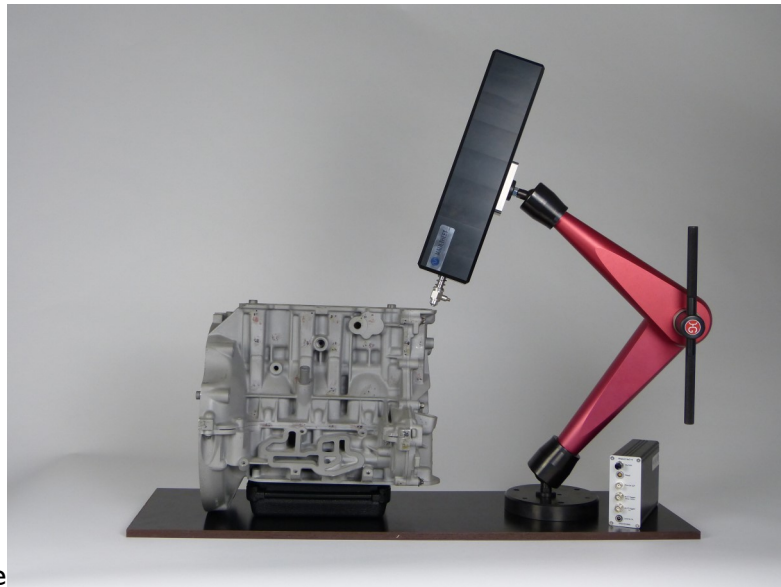
- **Automatic Modal Hammer**
- **Adjustable Impact Intensity**
- **Timer Operation:**
max. 1 impact / s
- **External Trigger:**
TTL, closer
- **High Excitation:**
2 000 N
(Steel on steel)
- **Works in all Directions**
- **Frequency Range**
up to 6 kHz
- **High Impact Repeatability**

Adjustable Automatic Modal Hammer

for high forces > 2 kN

The new **vlImpact-200 I** hammer was developed for excitation forces of more than 2000 N (steel on steel) in all directions. The Impact amplitude can be setup with the controller.

It can be used for measurements where a high repeatability is required and in test cells where persons are not allowed to stay inside during operation. A typical application is an automatic modal analysis with a laser scanner.



The **vlImpact-6 I** series that has a lower impact amplitude but excitation frequencies up to 60 kHz.

Larger structures can be excited with the **vlImpact-200 I** in the frequency ranges up to 6 kHz depending on the hammer tip.

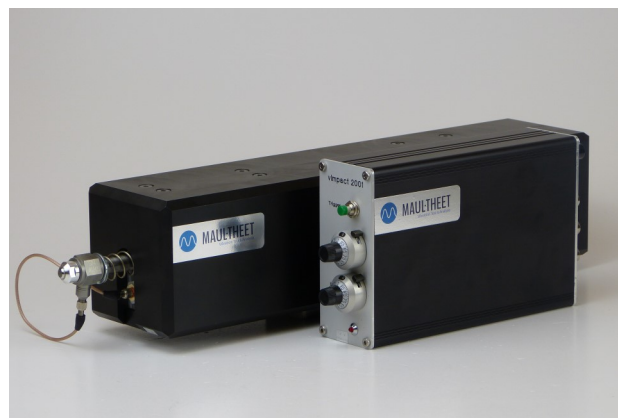
The **vlImpact-200 I** system consists of three components:

- Hammer head
- Control unit
- Power Supply



The hammer can be triggered in various ways:

- With the internal timer in the range of 1 hits per second up to 1 hit per 1000 seconds.
- Manually with the trigger button at the front of the control unit.
- By closing the external input with a switch through an extension wire or by any device with a closing contact.
- By a TTL signal.



Technical Specifications:

Impact Force	Adjustable
Max. Force	> 2000 N peak
Frequency Range	> 6 kHz, depending on object
Coupling	2-4 mA, IEPE
Trigger	Timer Button External contact (Closer) TTL-Signal 40....200ms
Power supply	36V DC
Mass	Head: 4.9 kg, Controller: 0.6 kg
Dimensions Head	340 mm x 80 mm x 80 mm

Information:

For further information, please contact us.