# Impact-test Hammer

## with the five selectable impact energies 0,20 J, 0,35 J, 0,50 J, 0,70 J und 1,00 J.

Use the Impact-test Hammer to carry out impact tests to demonstrate the level of robustness of your samples. It is suitable for carrying out impact tests on the basis of many national an international standards.

This Impact-test Hammer ist according to e.g.

- IEC 60068-2-75:2014-09 § 6, Fig. E1
- IEC 60335-1:2013-12 § 21
- IEC 60320-1:2007-11 § 23.5, Fig. 21

We ensure the prescribed release pressure ≤ 10 N. This has only been possible by using a modified release mechanism.

The dimensions and weights of Impact-test Hammer are standardized. This PTL Impact-test Hammer is built according to the stipulations of Publication IEC 60068-2-75.

### Body

The body comprises the housing, the striking element guide, the release mechanism and all parts rigidly fixed thereto. The mass of this assembly is approx.1250 g. The housing serves as handle and protects the machanism from ambient influences.

### Striking element

The firing pin is attached to the front end of the hammer shaft and holds the hemispherical polyamide firing pin head.
This has a radius of 10 mm and a Shore hardness D of approx. 70 to 80.
A spherical clamping head is screwed onto the rear end of the hammer shaft.
The mass of the striking element is 250 g ± 5 g.

### Release cone

The release cone is attached to the front of the body and weighs approx. 60 g. It releases the cocked striking element at a pressure of maximum 10 N.

# MP-F22.50

## Technical Data

### General Data

| | |
|---|---|
| Total mass of striking element | 250 g ± 5 g |
| Firing pin head | PA12, 70 to 80 Shore hardness D |
| Impact energies | 0,20 J, 0,35 J, 0,50 J, 0,70 J, 1,00 J |
| Total mass of the Impact-test Hammer | approx. 1560 g |
| Release force | ≤ 10 N |
| Main dimensions | Ø 50 mm x approx. 320 mm |
| Weight of dispatch | approx. 3 kg (incl.storage case) |

## Ordering Information

| | |
|---|---|
| Impact-test hammer | MP-F22.50 |
| Manufactorer´s calibration certificate | MP-100.02Z |
| Storage case | MP-100.11Z |

Optional equipment:
**MP-100.11Z**
**Storage case**
for safe transport and storage of the Impact-test hammer.

PTL-Instruments GmbH • Wilhelm-Maybach-Straße 3 • 74564 Crailsheim • GERMANY
Phone +49 7951 9150-0 • Fax +49 7951 9150-27
Mail: info@ptl-instruments.de
www.ptl-instruments.de