

Testing, Experimentation and Quality Control Laboratory

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Impact Meter MLS

Data Sheet



INSTRUMENT DESCRIPTION

Laboratory instrument to carry out Choc léger, Choc lourd and Choc repeated tests indicated in Cahier du CSTB.

The apparatus is composed of two telescopic metal support columns which support the upper longitudinal beam on which the instrument control panel and the ball release device are fixed. This device contains the electromagnet that supports the steel ball and a laser pointer (sight) used to determine the impact point of the ball. The ball is released by remote control.

APPLICABLE STANDARD

Annexe 6 Cahier CSTB 3778_V6 Juillet 2024 (Choc lourd) - Annexe 7 Cahier CSTB 3778_V6 Juillet 2024 (Choc léger) - Annexe 11 Cahier CSTB 3778_V6 Juillet 2024 (tenue au choc répété), UNI EN 14617-9

TECHNICAL FEATURES

- Vertical metal columns with height adjustment knobs.
- Horizontal aluminum bar to hold the steel ball holder on which the head is climbed on it brings ball.
- Electric control board with power button and laser pointer activation indicator.
- Aluminum head housing laser source and laser beam adjustment system.
- Electromagnet.
- Remote control for ball engagement / release.
- Reducer for weight 50g ball (light impact).
- Steel balls of 50g, 510g and 320g.

TECHNICAL SPECIFICATIONS

Supply voltage	230-240 V (110 V through transformer-converter)
Power frequency	50/60 Hz
Power rating	1,4 W
Dimensions	166 x 40 x 130 cm (L x l x H)
Weight	15 kg