

## Primers test equipment SPI2 - M932

Easy to use

Reliable

Quick

Safe

Accurate



The "Berta" model M932 is a sensitivity and force testing systems for percussion activated primers provided of innovative characteristics that allows a quick and accurate primers test. M932 is intended for the test of primers without case and/or the primed pistol/revolvers case (center or rim fire) until the length of 25mm. To test larger primed case please see model M949.

The Berta can be divided in 7 main parts:

- *The rest:* is manufactured in burnished steel with subject to friction parts nickel plated.
- *The height scale:* is in anodized aluminium with floating zero to enable a fast set up of the height of the sphere. With each primers holding plate is supplied a precision reference to quickly modify the reference zero point.
- *The main module:* is equipped with an efficient laminar flow exhaust gases extraction system that inhibit the pollution of the working area. The maximum weight of falling body, typically a sphere, is 2000g.



*The electromagnetic locking-releasing system:* is low voltage powered with built in line filters to prevent noise to/from power line

-*The firing pin:* can be standard, without any type of electrical connection to measure only the sensitivity of the primer or with electronic interface to enable the M932 to perform other measure coupled with sensitivity measures.

-*The holding plate of measure:* are the main innovative characteristic of the M932. The plate of measure are interchangeable to hold any type of primer and or primed case with length smaller than 25 mm. The plate are manufactured in mirror finished hardened inox steel and can be quickly removed from the M932 to eject/insert the primer to be tested

- *The measuring chamber:* can be supplied in various size and shape to satisfy any kind of requirement. The chamber can



be supplied open or closed. Options for the closed version are thermally and electrically insulated and or constant temperature .



- *The electronic control:* the M932 can be used with a simply releasing units to lock/unlock the falling sphere or can be used with the control units E932 that contain the power units for sphere control plus the interfaces for measuring sensors. The E932 is fully compatible with our broad range of data loggers in order to interface piezoelectric transducers, temperatures sensors etc.

*The software:* system N932-E932 is fully compatible with ours ballistics analysis software to evaluate primers characteristics.

The M932 is manufactured according international safety rules to prevent accident at work and adopt protection to avoid firing of the primer when system is not ready as well as to protect operator against the gas if system work not well closed

M932 can be equipped with digital indicator to display like the model M949 and can be used with full range of ours data logger.

N.B.

For sensitivity measures only M932 can be used without data acquisition system.

**To test primed shotshell case or rifle case please refer to SP3 primers test equipment M949.**

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