



# CERTIFIED SAMPLES

GIBITRE INSTRUMENTS PROVIDES CERTIFIED SAMPLES FOR SHORE AND IRHD HARDNESS VERIFICATION



Certified samples for the periodic verification of the conformity of the measurements made by your durometers.

### Overview

Specimens are available for Shore A, Shore D, Shore M, IRHD-N and IRHD-Micro hardness scales. Certified Specimens are a quick and effective tool for systematic verification of compliance of measurements in the period between two calibrations.

### Characteristics of the product

The hardness of elastomeric products is strongly influenced by the temperature. For this reason, the samples produced by Gibitre have a shape that permits easy handling without transmitting the heat of the hand to the testing area. The samples are provided with calibration Certificate with traceability to the certified hardness tester used for the measurements. The samples are provided with an insulated protec-

tion case that permits the protection of the samples from temperature variations and from the light.

### Available Configurations

- Complete box including 5 samples with different hardness within the selected hardness scale (approximately 40 - 50 - 60 - 80 - 90)
- Box containing one single sample with one of the available hardness

**Available Scales:** Shore: A, D, M; IRHD: M, N

**Shape of the samples:** The shape of the samples has been developed to permit easy handling without heat transmission to the test area

**Protection Box:** The wooden box ensures protection against light and temperature variations

**Sample identification:** The samples have unique identification code to permit

the traceability of the calibration

**Calibration Report:** The calibration report is issued by Gibitre Instruments and includes the traceability to the officially-calibrated hardness tester used for the measures

**Calibration uncertainty:**  $\pm 2$  Hardness Points

**Suggested re-calibration :** 12 months

