

Portable Hardness Tester - COPA Model D06

Advanced Non-Destructive Testing for Metal Hardness Measurement

The **COPA D06** is a portable and highly accurate hardness tester designed based on the **Leeb rebound method (ASTM A956)**. Engineered for non-destructive testing (NDT), this device is ideal for industrial environments where precision, portability, and versatility are essential.

Technical Specifications

- **Measurement Method:** Leeb rebound principle according to **ASTM A956**
- **Impact Mechanism:** Magnetic-powered projectile launch, **no manual loading required**
- **Multi-directional Testing:** Capable of testing in **five orientations** — vertical (up/down), horizontal, and $\pm 55^\circ$ angles
- **Hardness Units:** Displays and converts hardness values in various units including **HRC, HB, HV, and more**
- **Software Calibration:** Built-in **software calibration** ensures enhanced measurement accuracy
- **High-Precision Sensor:** Equipped with a **sensitive velocity sensor** for accurate detection of projectile speed
- **Magnetic Field Resistance:** Reliable performance in environments with magnetic interference

Applications




Thanks to its compact design and flexible functionality, the COPA D06 is suitable for a wide range of industrial use cases:

- **Steel and Foundry Industries:** On-site hardness testing of large, heavy components without cutting or sample removal
- **Oil, Gas & Petrochemical:** In-situ testing of pipelines, pressure vessels, and welded structures

- **Automotive & Machinery Manufacturing:** Ideal for curved surfaces, angled parts, and hard-to-reach test points
- **Maintenance and Inspection:** Quick and efficient hardness checks during maintenance procedures
- **Confined Spaces:** Compact probe allows reliable testing in narrow or enclosed areas

This device provides a **professional solution** for engineers, inspectors, and quality control teams seeking portable yet precise hardness testing across multiple industrial fields.

For **inquiries and orders**, contact us today! 

 +98 2165565901 |  +98 2144584619 |  +98 903411985

 **Websites:**

DIGINDT.IR

FGJ-NDT.IR


FARHAN GOSTAR JOONOB