

# Comparing the HP Series

EN

The Shore hardness testers of the Bareiss HP Series stand for precision, durability, and exceptional manufacturing quality “Made in Germany.” All three models — HP, HP with drag pointer, and HP Digital — share the same robust mechanical design and comply with the international standards ASTM D2240, DIN EN ISO 868, and DIN ISO 48-4. Yet they differ in ease of use, functionality, and technological sophistication — ensuring the ideal solution for every application.



	HP	HP with Indicating Pointer	HP Digital
Standards	ASTM D2240   DIN EN ISO 868 DIN ISO 48-4	ASTM D2240   DIN EN ISO 868 DIN ISO 48-4	ASTM D2240   DIN EN ISO 868 DIN ISO 48-4
Device Type	Mechanical	Mechanical + Mechanical Peak Value	Electronic
Housing	Aluminum	Aluminum	Aluminum
Reading Accuracy	1 Shore	1 Shore	0.4 Shore
Peak-Value Display	×	mechanical	digital
Adjustable Measurement Time	×	×	0-99s
Measurement Memory	×	×	100 values
Date & Time	×	×	✓
Software for Data Transfer	×	×	✓

## HP – THE CLASSIC ENTRY INTO HARDNESS TESTING

The HP model is the trusted classic of the series. Operating entirely mechanically, it impresses with its straightforward handling, high reliability, and precise results with a reading accuracy of 1 Shore. Its robust aluminum housing and clear analog display make it ideal for routine testing of sheet materials in both laboratory and production environments. For users seeking an uncomplicated device for precise single measurements, the HP is the perfect entry point into the world of hardness testing.

## HP WITH INDICATING POINTER – PRECISE RESULTS AT A GLANCE

The HP with Indicating Pointer enhances the classic model with a mechanical peak-value indicator. This feature captures the highest measured hardness value, making it easier to read results during series measurements or comparison tests. Like the standard HP, this model stands out for its easy operation, robust construction, and proven mechanical design.

## HP DIGITAL – PRECISE, EFFICIENT, AND FUTURE-ORIENTED

The HP Digital combines the mechanical precision of the HP Series with modern electronics and intuitive digital operation. With a reading accuracy of 0.4 Shore, a digital peak-value display, an adjustable measurement time (0–99 s), and storage capacity for up to 100 measurements, it sets new standards in hardness testing. Enhanced with date and time stamping as well as a software interface for data transfer, the device enables efficient, traceable, and seamless documentation.