



Technical data

Dimensions	
Meas. unit	Ø 200mm x 470mm
Controller	290mm + 260mm x 75mm
Net weight	17,5kg
Max. sample thickness	90mm (without center device)
Resolution	0,1 IRHD
Standards	DIN ISO 48, ISO 48, ASTM D 1415, BS 903:Part 26A

The Hildebrand MICRO IRHD software checks and controls the operation of the system. The software is working under MS-Windows and offers unique features. The hardness value, graph, hysteresis, statistics, test report, label printing are only a few features of this software. An ASCII-output file is provided. All data are transmitted to the IRHD Controller, which is connected to the RS 232 interface of the computer.

MICRO IRHD SYSTEM

The MICRO IRHD SYSTEM provides hardness readings on elastomers according to MICRO IRHD. Recommended specimen thickness is 1 to 5 mm. It complies to international standards such as ISO 48 and ASTM D 1415. The MICRO IRHD SYSTEM is a hardness testing machine controlled by a Hildebrand MSWindows software.

2 weights are automatically lowered and raised. Thus this system eliminates operator errors while testing. Specimen are positioned on the support table. The table automatically drives to the measuring head. The minor load is automatically lowered to the indenter. This position of the indenter represents 100 MICRO IRHD. The major load is lowered now. The penetration of the indenter is digitally measured after 30 seconds and converted into MICRO IRHD UNITS.