Hardness Measuring Device TIME®5210C

The TIME®5210C is a new hardness measuring device for hardness testing in industrial field use. Powered by 220 V AC, it has good anti-interference ability and ensures stable readings even in complex industrial environments. All TIME digital impact devices can be used. Via the Ethernet interface the device communicates with user equipment such as PLC controllers and PCs and can be integrated into the user's online testing system. Measurement parameters and user calibration can be set directly on the device or entirely via the host computer – suitable for semi-automatic use as well as for fully automatic online hardness measurement. The TIME®5210C is suited to production lines that are automated or planned to be automated, to hardness testing of batch workpieces and to uploading the measurement results to the user's system for further processing.

Features

- Metal housing, sealed design, compact and light, easy to place on site
- High anti-interference ability ensures stable readings in industrial field environments
- 2.42-inch OLED display, 128 × 64 graphic dot matrix, high brightness and high contrast
- With a digital impact device, all 7 impact device types can be used; the type is identified automatically, no recalibration when changing
- Automatic detection of the common impact directions (except impact device type G)
- Connection to user devices such as PLC controllers and PCs via the Ethernet interface
- IP address of the device can be set for on-site networking
- Measurement parameters (material, hardness system, impact direction, conversion table) can be set by software or directly on the device
- Calibration by software or directly on the device
- Powered by 220 V AC single-phase supply

Scope of delivery

- Main unit
- Digital impact device type D
- Small support ring
- Nylon brush (I)
- Hardness test block
- Power cable
- Ethernet cable

Technical Data

Parameter	TIME®5210C
Measuring range	170–960 HLD
Measuring direction	360°
Hardness scales	HL, HV, HB, HRC, HS, HRB, HRA
Display	2.42-inch OLED, 128 × 64 dots
Communication interface	Ethernet
Communication protocol	Modbus TCP
Power supply	220 V AC, single-phase
Optional accessories	Support rings

Technical changes reserved.

MESSTECHNIK SaluTron® GmbH
Herstellung und Vertrieb von Messgeräten

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BEIJING TIME HIGH TECHNOLOGY LTD.

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