HUATEC
Industry Instrumentation

HUATEC GROUP
CORPORATION

RHL-TH130 Digital Metal Hardness Tester

Advantages

- λ Large screen(128×64 dot matrix LCD), showing all functions and parameters.
- λ Test at any angle, even upside down.
- λ Wide measuring range. It can measure the hardness of all metallic materials. Direct display of hardness scales HRB, HRC, HV, HB, HS, HL and three types of strength values immediately.
- λ Seven impact devices are available for special application. Automatically identify the type of impact devices.
- λ Large capacity memory could store 1000 groups (Relative to average times32 ～ 1) information including single measured value, mean value, testing data, impact direction, impact times, material and hardness scale etc.
- λ Upper and lower limit can be preset. It will alarm automatically when the result value exceeding the limit.
- λ Battery information indicates the rest capacity of the battery and the charge status.
- λ User calibration function.

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- λ USB port with the PC humanity multi-functions data proceeding software.
- λ Original imported high speed thermal printer support the immediate printing function. It can save data permanently.
- λ NI-MH rechargeable battery as the power source. Charge circuit integrated inside the instrument. Continuous working period of no less than 150 hours (EL off and no printing).
- λ Auto power off to save energy.
- λ Excellent after-sale service system for high quality products---two years' guarantee and all life maintenance. Easy to buy and comfortable to use.

Main Application

- λ Die cavity of molds
- λ Bearings and other parts
- λ Failure analysis of pressure vessel, steam generator and other equipment
- λ Heavy work piece
- λ The installed machinery and permanently assembled parts
- λ Testing surface of a small hollow space
- λ Material identification in the warehouse of metallic materials
- λ Rapid testing in large range and multi-measuring areas for large-scale work piece

Technical Specifications

- λ Measuring range：HLD（170～960）HLD
- λ Measuring direction：360°
- λ Hardness Scale：HL、HB、HRB、HRC、HRA、HV、HS
- λ Display：dot matrix LCD，128×64 dots
- λ Data memory： 500 groups max.（relative to impact times 32～1）
- λ Printing paper: width is （57.5±0.5）mm, diameter is 30mm
- λ Battery pack: 6V NI-MH
- λ Battery charger: 9V/500mA
- λ Continuous working period：about 150 hours（With backlight off, no printing）
- λ Communication interface：USB1.1
- λ Outline dimensions：212mm×80mm×32mm

Configuration

	No.	Item	Quantity	Remarks
Standard Configuration	1	Main Unit	1	
	2	D type impact device	1	Without cable
	3	Standard test block	1	
	4	Cleaning brush (I)	1	
	5	Small support ring	1	
	6	Battery Charger	1	9V 500mA

	7	Manual	1	
	8	DataPro software	1	
	9	Communication cable	1	
	10	Instrument case	1	
	11	Calibration certificate	1	
Optional accessories	12	Cleaning brush (II)	1	For use with G type impact device
	13	Other type of impact devices and support rings		Refer to Table 3 and Table 4 in the appendix.