

Advanced Leeb Hardness Tester CMSHT220

MAIN FEATURES:

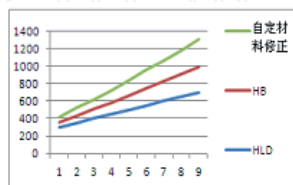
1. Extreme long working time (working for about 4 months when charging a at a time).
2. Impact direction Auto recorgnized.



360° impact testing direction.

3. Due to the alloy material alloy ratio or due to the special hot and cold plus workmanship and other reasons, some of the elastic modulus of metal materials and similar ordinary the material is different, thus causing the test of such material regardless of the time is the national standard conversion table or the European standard table can not accurately achieve different hardness conversion. Custom material curves are provided based on the real function.

The situation of the conversion table to adjust the means to expand the instrument is conducive to the applicability and accuracy of products.



4. OLED display for easy reading.

5. Standard conformed to:

China national standard: GB/T17394.1-2014; GB/T1172-1999 .

Europe standard: DIN 50156-2007.

ASTM standard: ASTM A956 (2012).

Measuring the radius of curvature of the workpiece: $R_{min}=50mm$ (with special support ring $R_{min}=10mm$).
 Measurement of the minimum weight of the workpiece: 2kg with stable support (0.1kg to be coupled).
 Measurement of the minimum thickness of the workpiece: 3mm (G- type impact device: 10mm);
 Measurement of the workpiece hardened layer minimum thickness: 0.8mm.



LAS IMAGENES PUEDEN VARIAR DEL ORIGINAL; INFORMACIÓN SUJETA A CAMBIO SIN PREVIO AVISO

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México: (-52) 55-5300-4517, 55-5300-4271, 55-5312-2536
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MAIN APPLICATION FIELDS

The assembled machinery and permanently intalled parts
Die cavity of molds
Heavy work piece
Failure analysis of pressure vessel, steam turbo-generator set and other equipment
Narrow testing space where work piece intalled
Bearing and other parts

TECHNICAL SPECIFICATION

Hardness scale	HL, HB, HRB, HRC, HRA, HV, HS
Memory	Data memory: 48~500 groups (impact times:32~1)
Measuring range	Refer to "wide measuring range of TIME hardness testers" and
Accuracy	"testing accuracy and repeatability" below
Standard Impact Device	D
Optional Impact Devices	DC, D+15, C, DL, G
Max. workpiece Hardness	Refer to "Technical specification of impact device below"
Min. radius of workpiece (convex/concave)	
Min. workpiece weight	
Min. workpiece thickness	
Min. thickness of hardened layers	Lion battery with big capacity
Power	
Continuos working time	
Display	
Operating temperature	Aprox. 120 days (without back light on)
Humidity	LCD, 128x64 matrix LCD
Weight	10°C~40°C
Impact direction Auto recognized	≤90%
Dimension	Approx. 0.6kg (main unit);
	Yes
	120mmx70mmx30mm

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STANDARD CONFIGURATION

	No		
Standar Delivery	1	Main unit	1
	2	D type impact device	1
	3	Small supporting ring	1
	4	Nylon brush (A)	1
	5	High value Leeb test block	1
	6	Communication cable	1
	7	AHT-220 data view software	1

Additional Optional Delivery	1	Printer		
	2	Nylon brush (II)		In case of choosing G type impact device
	3	Various non- conventional type of impact devices		See table 3
	4	Various non- conventional type of supporting ring		See table 4

No	Code	Type	Sketch of non-conventional supporting ring	Remarks
1	03-03.7	Z10-15		For testing cylindrical outside surface R10~R15
2	03-03.8	Z14.5-30		For testing cylindrical outside surface R14.5~R30
3	03-03.9	Z25-50		For testing cylindrical outside surface R25~R50
4	03-03.10	HZ11-13		For testing cylindrical inside surface R11~R13
5	03-03.11	HZ12.5-17		For testing cylindrical inside surface R12.5~R17
6	03-03.12	HZ16.5-30		For testing cylindrical inside surface R16.5~R30
7	03-03.13	K10-15		For testing spherical outside surface SR10~SR15
8	03-03.14	K14.5-30		For testing spherical outside surface SR14.5~SR30
9	03-03.15	HK11-13		For testing spherical inside surface SR11~SR13
10	03-03.16	HK12.5-17		For testing spherical inside surface SR12.5~SR17
11	03-03.17	HK16.5-30		For testing spherical inside surface SR16.5~SR30
12	03-03.18	UN		For testing cylindrical outside surface, radius adjustable R10~∞

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