

AHT200 Leeb Hardness Tester



Application fields

- The assembled machinery and permanently installed 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 installed
- Bearings and other parts

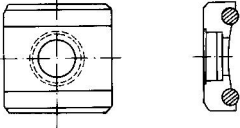
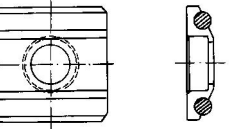
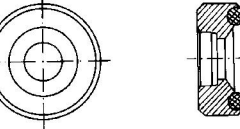
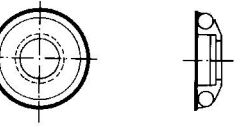
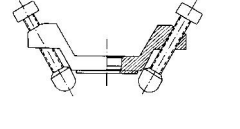
Technical Specification

Hardness scale	HL, HB, HRB, HRC, HRA, HV, HS
Memory	● Data memory: 48~600 groups (impact times: 32~1)
Measuring range	Refer to "wide measuring range of TIME hardness testers" and "testing accuracy and repeatability" below
Accuracy	
Standard Impact Device	D
Optional Impact Devices	DC, D+15, G, C, DL
Max. Workpiece Hardness	Refer to "Technical specification of impact devices" below
Min. Radius of Workpiece (convex/concave)	
Min. Workpiece weight	
Min. Workpiece thickness	
Min. thickness of hardened layers	
Power	2*1.5V
Continuous Working time	approx. 100 h (without back light on)
Display	LCD, 128×64 matrix LCD
Operating temperature	-10℃~40℃
Humidity	≤90%
Dimensions	132×82×33mm (main unit)
Weight	approx. 0.6kg (main unit);

Standard Configuration:

	No.		
Standard 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-200 DataView 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 impact 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~∞