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à¹€à¸„à¸£à¸·à¹^à¸-à¸‡à¸¡à¸·à¸-à¸§à¸±à¸” à¹€à¸„à¸£à¸·à¹^à¸-à

à¹€à¸„à¸£à¸·à¹^à¸-à¸‡à¸¡à¸·à¸-à¸§à¸´à¸—à¸¢à¸²à¸¨à¸²à¸ªà¸•à¸£à¹Œà¸-à¸¸à¸›à¸•à¸£à¸“à¹Œà¸§à¸´à¸—à¸¢à¸²à¸¨à¸²à¸ªà¸•à¸£à¹Œà¹€à¸„à¸£à¸·à¹^à¸-à¸‡à¸¡à¸·à¸-à¸§à¸±à¸” à¹€à¸„à¸£à¸·à¹^à¸-à¸‡à¸¡à¸·à¸

Hardness Tester MH210
à¹€à¸„à¸£à¸·à¹^à¸-à¸‡à¸§à¸±à¸”à¸„à¸§à¸²à¸¡à¹•à¸‚à¹‡à¸‡

à¸ªà¸-à¸šà¸–à¸²à¸¡à¸£à¸²à¸„à¸²

à¹€à¸„à¸£à¸·à¹^à¸-à¸‡à¸§à¸±à¸”à¸„à¸§à¸²à¸¡à¹•à¸‚à¹‡à¸‡à¸¢à¸²à¸‡-à¹€à¸«à¸¥à¹‡à¸• Hardness Tester , Hardness Meter , Metal Hardness Tester , Leeb Hardness tester , Durometer > Hardness Tester MH210 à¹€à¸„à¸£à¸·à¹^à¸-à¸‡à¸§à¸±à¸”à¸„à¸§à¸²à¸¡à¹•à¸‚à¹‡à¸‡

HardnessÂ TesterÂ MH210
Introduction:
1.Â CompactÂ metalÂ case,Â suitableÂ forÂ useÂ underÂ poorÂ workingÂ conditions.Â TestÂ atÂ anyÂ angle, evenÂ upsideÂ andÂ down.Â
2.Â WideÂ measuringÂ range.Â ItÂ canÂ measureÂ theÂ hardnessÂ ofÂ allÂ metallicÂ materials.Â DirectÂ displayÂ ofÂ hardnessÂ scalesÂ HRB,Â HRC,Â HV,Â HB,Â HS,Â HLÂ
3.Â LargeÂ screen(128*64Â dotÂ matrixÂ LCD),Â showingÂ allÂ functionsÂ andÂ parameters.Â WithÂ ELÂ backgroundÂ light.Â
4.Â SoftwareÂ calibrationÂ function.Â
5.Â SoftwareÂ toÂ connectÂ withÂ PCÂ viaÂ RS232Â port.Â MicroÂ printerÂ support.Â
6.Â Outline:Â 132*76.2mmÂ Â Â Â Weight:Â 345gÂ

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TechnicalÂ Specifications:

ErrorÂ andÂ repeatabilityÂ ofÂ displayedÂ value

No.	Type of impact device	Hardness value of hardness block	Error of displayed value	Repeatability
1	D	760+-30HLD 530+-40HLD	+-6 HLD +-10 HLD	6 HLD 10 HLD
2	D	50+-5 HLC 30+-6 HLC	+-1 HRC +-2 HRC	1 HRC 2 HRC
3	D	700+-30HB 500+-40HB	+-5 HB +-8 HB	5 HB 8 HB

1.Â MeasuringÂ range:Â Â
(170-960)HLD,Â (17-68.5)HRC,Â (19-651)HB,Â (80-976)HV,Â (30-100)HS,Â (59-85)HRA,Â (13-100)HRBÂ
2.Â MeasuringÂ direction:Â 360Â°Â
3.Â HardnessÂ Scale:Â HL,Â HB,Â HRB,Â HRC,Â HRA,Â HV,Â HSÂ
4.Â Display:Â dotÂ matrixÂ LCD,Â 128*64Â dotsÂ
5.Â DataÂ memory:Â max.Â 500Â groups(relativeÂ toÂ impactÂ timesÂ 32-1)Â
6.Â WorkingÂ voltage:Â 3V(2Â AAÂ sizeÂ alkalineÂ battery)Â
7.Â ContinuousÂ workingÂ period:Â aboutÂ 50Â hours(WithÂ backlightÂ off)Â
8.Â CommunicationÂ interface:Â RS232Â

MainÂ Application:

1.Â DieÂ cavityÂ ofÂ moldsÂ
2.Â BearingsÂ andÂ otherÂ partsÂ
3.Â FailureÂ analysisÂ ofÂ pressureÂ vessel,Â steamÂ generatorÂ andÂ otherÂ equipmentÂ
4.Â HeavyÂ workÂ pieceÂ
5.Â TheÂ installedÂ machineryÂ andÂ permanentlyÂ assembledÂ parts.Â
6.Â TestingÂ surfaceÂ ofÂ aÂ smallÂ hollowÂ spaceÂ
7.Â MaterialÂ identificationÂ inÂ theÂ warehouseÂ ofÂ metallicÂ materialsÂ
8.Â RapidÂ testingÂ inÂ largeÂ rangeÂ andÂ multi-measuringÂ areasÂ forÂ large-scaleÂ workÂ pieceÂ
TestingÂ range:
OtherÂ typeÂ ofÂ impactÂ devices

Â

Material	Method	Impact device					
		D/DC	D+15	C	G	E	DL
Steel and cast steel	HRC	20-68.5	19.3-67.9	20.0-69.5		22.4-70.7	20.6-68.2
	HRB	38.4-99.6			47.7-99.9		37.0-99.9
	HRA	59.1-85.8				61.7-88.0	
	HB	127-651	80-638	80-683	90-646	83-663	81-646
	HV	83-976	80-937	80-996		84-1042	80-950
	HS	32.2-99.5	33.3-99.3	31.8-102.1			

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						35.8-102.6	30.6-96.8
Cold work tool steel	HRC	20.4-67.1	19.8-68.2	20.7-68.2		22.6-70.2	
	HV	80-898	80-935	100-941		82-1009	
Stainless steel	HRB						

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	HB	85-655					
	HV	85-802					
Grey cast iron	HRC						
	HB	93-334			92-326		
	HV						

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Nodular cast iron	HRC						
	HB	131-387			127-364		
	HV						
Cast aluminium alloys	HB	19-164		23-210	32-168		
	HRB	23.8-84.6		22.7-85.0	23.8-85.5		
BRASS(copper-zinc alloys)	HB	40-173					
	HRB	13.5-95.3					
BRONZE(copper-aluminium/tin alloys)	HB	60-290					
Wrought copper alloys	HB	45-315					
Available type of impact device		DC: Test hole or hollow cylindrical	D+15: Test groove or reentrant surface	C:Test small, light,Â Â thin parts and surface of hardened layer	G: Test large, thick, heavy and rough surface steel	E: Test super high hardness material	DL: Test slender narrow groove or hole

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