MOTORIZED DIGITAL ROCKWELL/SUPERFICIAL ROCKWELL HARDNESS TESTERS

(DOLPHIN-NOSE TYPE)







- Full closed-loop precise control, real-time monitoring of test force, greatly increase the accuracy
- Dolphin-nose structure indenter, more measuring space
- Measurements on 30 Rockwell and Surface Rockwell scales
- Convertible to various hardness standards such as HB, HV, HLD, HK and tensile strength
- 5000 sets of data are stored independently in the mainframe, which can be accessed at any time
- Mean, variance, maximum and minimum statistics are available
- USB communication port, can be connected to an external computer, measurement data Excel output
- Correction function automatically corrects the measurement results of curved parts
- Conforms to ASTM E-18, ISO 6508









Ø150mm flat anvil (included)

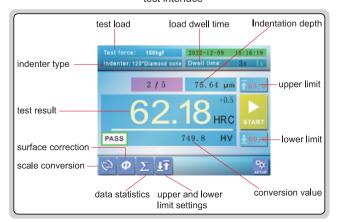


V-type anvil (included)

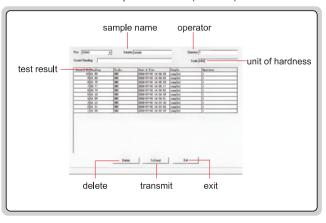


integrated printer (optional)

test interface



computer software (included)



SPECIFICATION

Code		HDT-DM290	HDT-DM300	HDT-DM310		
Туре		Rockwell	Superficial Rockwell	Rockwell and Superficial Rockwell		
Hardness scale	with indenter included	HRA, HRB, HRC, HRD, HRF, HRG	HR15N, HR30N, HR45N, HR15T, HR30T, HR45T	HRA, HRB, HRC, HRD, HRF, HRG, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T		
	with optional indenter	HRE, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV	HR15W, HR30W, HR45W, HR15X, HR30X, HR45X, HR15Y, HR30Y, HR45Y	HRE, HRH, HRK, HRL, HRM, HRP,HRR, HRS, HRV, HR15W, HR30W, HR45W, HR15X, HR30X, HR45X, HR15Y, HR30Y, HR45Y		
Preliminary test force		98N/10kgf for Rockwell	29.4N/3kgf for superficial Rockwell	98N/10kgf for Rockwell 29.4N/3kgf for superficial Rockwell		
Test force		588N (60kg), 980N (100kg), 1471N (150kg)	147N (15kg), 294N (30kg), 441N (45kg)	147N (15kg), 294N (30kg), 441N (45kg), 588N (60kg), 980N (100kg), 1471N (150kg)		
Stage elevation		manual				
Load control		automatic (load/dwell/unload)				
Load dwell time		2~250 seconds, can be set				
Resolution		0.01 HR				
Max. workpiece height		290mm				
Max. testing width		220mm				
Max. bore depth		130mm				
Min. testing inner diameter		35mm				
Power supply		220V, 50/60HZ				
Dimension		700×290×880mm				
Weight		85kg				

STANDARD DELIVERY

Code	HDT-DM290	HDT-DM300	HDT-DM310
Main unit	1 pc	1 pc	1 pc
Diamond indenter	1 pc	1 pc	1 pc
Ø1.5875mm carbide ball indenter	1 pc	1 pc	1 pc
Ø150mm flat anvil	1 pc	1 pc	1 pc
V-type anvil	1 pc	1 pc	1 pc
Hardness test block HRC20~30	1 pc	_	1 pc
Hardness test block HRC35~55	1 pc	_	1 pc
Hardness test block HRC60~70	1 pc	_	1 pc
Hardness test block HRB85~100	1 pc	_	1 pc
Hardness test block HRA80~88	1 pc	_	1 pc
Hardness test block HR15N89~91	_	1 pc	1 pc
Hardness test block HR15T88~93	_	1 pc	1 pc
Hardness test block HR30N74~80	_	1 pc	1 pc
Hardness test block HR30T70~82	_	1 pc	1 pc
Computer software and USB cable	1 pc	1 pc	1 pc
Anti-dust cover	1 pc	1 pc	1 pc

OPTIONAL ACCESSORY

1	
2	
3	
5N2	
5N2	
N2	
)T	
-FA	
-FB	
HDT-DM290-PT	