



B.N.C.TOOLING Co.,Ltd.

BNCTOOLING.COM
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69/90 Hatairat Rd., Minburi ,Minburi Bangkok (Thailand) 10510



Hardness Testing Machines

Digital Brinell Hardness Tester

SHB-3000C

Model	SHB-3000C
Code#	831-131
Accuracy	$\leq \pm 3.5\%$
Standard	ISO 6506, ASTM E10 - 12, JIS Z2243, GB/T 231
Certificate	CE



Product Feature

- SHB-3000C is a half automatic and intelligent Brinell hardness testing machine, it adopts the load cell to replace the traditional quality weight, this innovative design makes the instrument more accurate;
- SHB-3000C selection of testing force and dwell time is controlled and monitored on the front panel, it is automatic during the process of loading, dwell and unloading;
- SHB-3000C adopts digital Brinell microscopes with adjustable LED illuminator, it doesn't need the operator to read the detail length of indentation, it only needs operator to aim the D1, D2 diagonal of indentation and press the length key twice above the Microscope, then the built-in computer can computer the Brinell scale and display the final testing result on LCD display automatically;
- SHB-3000C supports the hardness conversion , it can use Brinell scale to get conversion scale of HRC, HRB, HRC, HV, etc.



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Specification

Product Name		Digital Brinell Hardness Tester	
Model	SHB-3000C		
Code#	831-131		
Loading Force	Kgf	62.5Kgf, 100Kgf, 125Kgf, 187.5Kgf, 250Kgf, 500Kgf, 750Kgf, 1000Kgf, 1500Kgf, 3000Kgf	
	N	612.9N, 980N, 1226N, 1839N, 2452N, 4900N, 7355N, 9800N, 14700N, 29400N	
Output Data	RS 232/Printer		
Brinell Range	(8-650) HBW		
Hardness Display	LCD Display		
Magnification of Microscope	20x Digital Microscope		
Auto Hardness Conversion	HR, HV, HK, etc		
Vertical Space	225mm		
Horizontal Space	135mm		
Dimension	893 x720 x747mm		
Gross/Net Weight	160Kg/130Kg		
Power Supply	AC220V/50Hz;110V/60Hz		
Conform Standard	ISO 6506, ASTM E10 – 12, JIS Z2243, GB/T 231		
Accuracy			
Hardness Range	Permitted Error	Repeatability	
HBW≤ 125	≤± 3.5%	≤ 3.5%	
125<HBW≤225	≤± 2.5%	≤ 3.0%	
HBW> 225	≤± 2.0%	≤ 2.5%	