



**Лабораторне обладнання
Реалізація
Ремонт
Модернізація
Виготовлення обладнання за ТЗ замовника**



ТОВ ВТП "АСМА-ПРИЛАД"



**Твердомер
SINOWON Бріннелль**

Characteristics:



- 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.

Specifications:

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

Standard Delivery:

Product Name	Code#	Product Name	Code#	Product Name	Code#
Instrument Main Body	831-131	Ø5mm Ball Indenter	831-421	Power Cable	821-801
20x Digital Microscope	831-231	Ø2.5mm Ball Indenter	831-431	Accessories Box	821-901
Hardness Block HBW/3000/10	831-601	Ø 200mm Flat Anvil	831-551	Anti-dust Cover	821-911
Hardness Block HBW/750/05	831-611	Ø 60mm Flat Anvil	831-501	Mini-Printer	831-831
Ø10mm Ball Indenter	831-411	Ø 40mm V-shape Anvil	831-521	Instrument Manual/Qualified Certificate	Vexus SHB-3000C