

# AMITTARI INSTRUMENTS

## Shore Hardness Gauge Series

### Feature

- \*AM Shore Hardness tester/Thin rubber hardness tester, suitable for determining the hardness of ordinary vulcanized rubber and its analogues Sample (thickness above 1.5mm) of the product, measured hardness values in Shore AM hardness 20HAM(degree)-90HAM(degree)The rubber. Implementation standard :GB/T 531.1-2008 "vulcanized rubber or thermoplastic rubberpressed into the hardness testerMethod Part I:Shore hardness tester method (Shore hardness), the national standard is equivalent to the international standard ISOThe 7619-1-2004
- \* It meets standards: DIN 53505, ISO 868, ISO7619, ASTM D 2240, JIS K7215.
- \* Used the exclusive Micro-computer LSI circuitand crystal time base to offer high accuracy measurement.
- \* Digital display gives exact reading with noguessing or errors.
- \* Can communicate with PC for recording, printing and analysing by the optionalsoftware and cable for RS232C interface.
- \* Automatic power off to conserve power.
- \* Use operation stand of optional parts can get good accuracy and repetitiveness due to constant measurement force to eliminate the errors caused by artificially applied different force



### Product Parameter

Display	4-bit 10 mm	
Press needle size	RO.79mm	
press needle stroke	1.25mm	
Display Range	0-100HAM	
Testing Range	20-90HAM	
Accuracy	$\leq \pm 1H$	
Resolution	0.1H	
Suitable for type 0 ring diameter	5-80mm	
press needle end force	324mN764mN (33. 04gf-77. 91gf)	
Operating	Temperature: 0°C-40°C Humidity: <80%RH	
Power Supply	2*1.5AAA Battery	
Dimensions	176mmx65mmx25 mm	
Weight	170 g	
Accessories	The Host	
	Carrying Case(B04)	
	Operation Manual	
OptionalAccessories	RS232C interface	

Sample : thin rubber sample mat on the weak factory, if the thickness of each layer is not less than 0.8mm smooth, parallel sample superposition. With peak latch, average calculation and undervoltage indicatorfunction with standard RS232C interface.