



The SAMSONIC MHT-100 hardness tester is an advance hardness tester distinguished by its high accuracy.wide measuring range and simplicity of operation. it is most sitable for testing of:

- individual parts or components in assembly machines
- Mould surface of a die
- Heavy components e.g. rolls for rolling mills,etc
- Testing ina production line e.g crank shafts. Cylinder,etc

It can be used for most metals and can display results in sitable scales. its highly saphisticated infrared printer facilitates online printing with great ease. conforms to the internationally acceptable standard ASTMA956-02

TECHNICAL PARAMETERS

H L display range	0-999 HLD
Accuracy	+6HLD1 (at 800 HLD)
Repeatability	+6HLD
Testing Direction	Any Direction
Display	Large LED with back light
Scale	HRB,HRC,HB,HV,HSD,MPA.
Power	Dry cell (3x1.5v AAA)
Operating Temperature	0 C~+50 C (32F~122F)
Storage temperature	10 C~+60 C (14f~140f)
Humidity	5%~95%
Dimention	150mmx80mmx24mm
Weight	Approx 200gm (display unit)
Min.weight of test object	5kg(less than 5kg to 0.1kg must be coupled)
Min thickness of test object	5mm(less then 5kg to 0.1kg must be coupled)
Min radius of curved surface	30mm(with optional support rings 11mm)
Min thickness of layers	0.8mm
Measuring Range	HRC:19.8~68.5,HB:30~655,HV:80~976, HRB:13.5~99.6,HSD:26.4~99.5,M.pa:375~2639.
Standard accessories	Display unit,impect device D,test block,mini printer, charger,clearing brush,priner cable.