

SHORE HARDNESS TESTER HT6510T

APPLICATION: Shore T is designed to measure the winding density (hardness) of textile, bobbins, beams, spools, cones, dye packages etc.

FEATURES:

- * Convertible probe, the curved end of the probe is used for the bobbin with a diameter less than or equal to 400mm, and the flat end of the probe is suitable for the bobbin with a diameter greater than 400mm.
- * With average calculate function.
- * Peak value deposit function.
- * Under-voltage alarm function.
- * Use USB data output to connect with PC.
- * Provide Bluetooth data output choice.

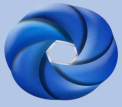
PRINCIPLE:

The principle used to measure textile hardness is based on measuring the resistance force of the penetration of a ball against the spool under a known spring load. The measuring principle is the same as for the Shore A hardness test.

SPECIFICATION:

Parameters	Tested Result/Mean Value/Max.Value
Indenter	Ball 5mmΦ
Convertible Probe	The curved end of the probe is used for the bobbin with a diameter less than or equal to 400mm, and the plane end of the probe is suitable for the bobbin with a diameter greater than 400mm
Area Of Application	For loosely wound bobbins of synthetic fibers and closely wound natural fibers, yarns and threads
Display Range	0-100H (hardness graduation marks)
Testing Range	10-90H (hardness graduation marks)
Resolution	0.1H
Accuracy	≤±1H
Battery Indicator	Low Battery Indicator
Auto Switch Off	√
Depth Of Indentation	0-2.5mm
Test Pressure	Approx. 12.5N





Measuring Spring Force	0.55-8.065N
Scale Diameter	51mm
Working Face Radius	55mm (when using the curved end of the probe)
Working Face Flat	45mmΦ (when using the plane end of the probe)
Operating	Temperature:0~40°C Humidity:<80%RH
Power Supply	2x1.5V AAA(UM-4)Battery
Dimensions	177x65x45mm
Weight	Approx. 285g (Not including batteries)
Accessories	Main Unit, Carrying Case, Operation Manual
Optional Accessories	USB Data Cable with Software