

# Precision- Measuring devices

The Precision measuring instruments measure the exact screen tension of nylon, polyester and stainless steel wire fabrics. In both cases the aggregate and individual tensions in warp and weft direction can be measured accurately. The measuring instruments are calibrated according to DIN 16611 and supply absolute measurements.

## Tensiometer TS 75S

The maximum measuring range of the electronic fabric tension-measuring instrument is 75 N/cm.

- Measuring accuracy: 0.1 N/cm

Thanks to the storage function up to 30 measurements can be saved and simultaneously sent to the PC or printer by way of an RS 232 interface.



## Fabric tension measuring instrument KS50

The maximum measuring range of the mechanical measuring instrument KS50 is around 50 N/cm.

- Measuring accuracy: 1 N/cm



## Shore hardness measuring instrument HPSA

In screen-printing the Shore hardness measuring instrument is used to measure the Shore hardness of screen-printing squeegee rubbers. Even contact pressure is generated on the surface of the rubber to be tested by way of the spring-loaded handle sleeve. Incorrect measurements are avoided in this way.

- Determining the surface hardness of soft rubbers, elastomers and polymers
- Generation of constant contact force through the spring-loaded outer ring
- Constant contact pressure minimises measuring errors
- High repeat accuracy
- The instrument complies with the Standards DIN 53505, ISO 7619, ISO 868 und ASTM D2240



*\*Subject to technical changes*