



Durometer / Hardness Meter

To measure the winding density (hardness) of a wide range of textile packages, including bobbins, beams, cones, dye packages etc.

A range of 6 models with different ball sizes and working faces, the slightly curved working face fits to small bobbins, and the flat working face for bobbins and other packages with diameters over 400 mm.

The ball shaped indenter prevents damage to bobbins with three different sizes:

2.5 mm diameter ball for closely wound bobbins of synthetic, finished yarns and filaments.

5 mm diameter ball for loosely wound bobbins of synthetic fibre yarns and closely wound natural fibre yarns and threads.

10 mm diameter ball for very loosely wound bobbins of thick yarns such as carpet yarns.

The spring-loaded outer ring of the main body of the tester is pressed downwards until the edge of the ring reaches the red mark, this ensures a constant pressure and prevents measuring errors between operators.

Key Features

- ✓ 6 different models
- ✓ Constant pressure system
- ✓ Ball-shaped indenter
- ✓ Optional memory pointer

OrderCodes of different models:

DUR:001 2.5 mm diameter ball, curved face

DUR:002 5 mm diameter ball, curved face

DUR:003 10 mm diameter ball, curved face

DUR:004 2.5 mm diameter ball, flat face

DUR:005 5 mm diameter ball, flat face

DUR:006 10 mm diameter ball, flat face

Dimensions: 50 x 58 x 110 mm

Nett weight: 300g. **Power Requirements:** 0.2kW