

# product specification

## Handle-O-Meter



### Description

The Handle-O-Meter measures 'handle' – the combined effects of flexibility and surface friction of sheeted materials, such as paper tissue, paper towels, non-wovens, plastic film, towelling, textiles, gauzes and light fabrics.

### Operation

The test sample is placed over an adjustable slot that extends across the instrument platform. A penetrator beam then pivots on a cam, engages the sample and forces it into the slot. The resistance encountered by the penetrator blade as it moves into the slot is measured and digitised for analysis.

Stiff materials offer greater resistance to the motion of the beam as it moves into the slot. Rough materials also exert resistance as they are dragged over the edge of the slot. The combined resistance is the reported result.

Two interchangeable beams are available and offer the necessary versatility for testing different materials. With auto-ranging, the Handle-O-Meter detects the beam in use and adjusts the range and resolution accordingly.

### Features

- Advanced software computes and displays qualitative analysis of the test results including averaging, standard deviation and the high and low readings of a series of tests
- Adjustable slot openings of 5, 6.35, 10 and 20 mm
- Interchangeable beams of 100 and 1000 g
- Auto-ranging
- 2 x 40 LCD
- Statistical analysis
- RS-232 and serial ports