Designed to accommodate the wide range of industrial standards that apply in specific industries

The unit comprises a standard universal thickness instrument for which accessory kits can be supplied to suit particular requirements.

Test Method

For testing carpets, the instrument can be supplied with a presser foot and a set of weights to give standard pressures from 2–200 kPa in order to measure the thickness of the sample and to determine the compression and recovery characteristics. For testing nonwovens, a different specification of presser foot is supplied.

Results are displayed on a digital indicator gauge that automatically zeros at the press of a button.

The standard gauge measures specimens up to a thickness of 25mm thus offering optimum resolution with flexibility for most applications. For samples greater than 25mm in thickness, alternative gauges are available.

Accessory kits:

**Carpet Testing – Order Code: UTG:CPT**
Includes presser foot, reference plate, guard ring, and set of weights to produce pressures of 2, 5, 10, 20, 50, 100, 150, and 200kPa.

**Underlay Testing – Order Code: UTG:UDL**
Includes presser foot, reference plate, guard ring, and set of weights to produce pressures of 2, 5, 10, 20, 50 and 100kPa.

**RS232 Link Cable. Enabling connection to PC. Order code UTG:CBL.**
**RS232 Download Software. Order code UTG:SCF.**

Key Features

✔ Provides ISO and BS standard pressures for testing carpets, underlays, nonwovens and geotextiles
✔ The design is easily adapted to meet the requirements of individual test standards
✔ Connects directly with optional software
✔ Suitable for a wide range of applications including: carpet thickness, carpet and underlay compression and recovery from compression, nonwovens, foam products, geo-textiles, etc

Conforms to:


Dimensions: 330mm (W), 400mm (D), 550mm (H)

Order Code: UTG:001

For further info call: +44 (0) 1274 733145
Email: sales@wira.com or visit: www.wira.com