

LEATHER SOFTNESS TESTER

Softness Tester ST300 is used to determine the *softness of leather* and other similar materials (artificial leather, unwoven fabric, etc) according to International Standard IULTCS/IUP 36, equivalent to UNI EN ISO 17235. This instrument doesn't require samples to be cut from leather prior to testing, therefore it does not cause damage on skin or other materials.



The tester may be used internally to ensure that leathers in the same pack are of a similar softness or that softness across a skin or hide is uniform. Good quality control is a key factor in running a successful, profitable business. In this respect, the Leather Industry is no exception. The Softness Tester allows buyers to specify what degree of softness is required, removing the element of subjective opinion.

The instrument can also be used to determine the optimum time of dry drumming of leathers or the degree of staking. In this way, maximum softness can be achieved with minimum looseness. The effect of any changes to the existing process can also be quickly assessed using the Tester, further aiding in the production of more uniform leather with the desired softness.

The Softness Tester is available:

- **ANALOGIC TYPE ST300A** graduated in 0.1mm divisions (instantaneous reading);

- **ELECTRONIC DIGITAL TYPE** displaying figures to 0.01mm/0.0005".

The digital version features a USB interface, thereby enabling links to be made to a computer for data transmission and storage. It is also possible to wirelessly transmit the values measured by the instrument to the PC using the interface technologies (maximum distance 200mts and up to 120 measurements).



DIGITAL SOFTNESS MEASUREMENT

The ST300D Digital Softness Tester is an easy to use unit offering two major features not found on the analogue version:

- (1) digitally displayed figures to within 0.01mm
- (2) statistical analysis of measurements taken

The ST300D features a **USB** interface connection to a computer for data manipulation and storage. To facilitate this, we can supply an ingenious software product that allows the user to connect the ST300D directly to a PC or laptop, and send the instruments reading to many application programs such as spreadsheets, databases, word, notepad etc.

Imported data can then be further manipulated and analysed, if required, on the users own software of choice (e.g. graphs or charts can be updated in real time, calculations can be performed using MS Excel).

The DataSoft STG300 is easily configured for use with any Windows application.

The link between ST300D and your computer is provided in real time.

The software is user friendly, has a simple Graphical User Interface (GUI) for easy configuration and operates as a background application. It automatically receives data from the instrument and forwards it to the application program of choice.

Alternatively, we can offer **WIRELESS** capabilities for the ST300D, comprising of a compact radio module that fits into the digital gauge and a receiver that fits into your PC. This allows for wireless transmission of measurement values from each gauge directly to your PC.

Communicating with up to 120 gauges, and with a maximum transmission distance of up to 200m, the wireless data transfer module connects via a port on PC.

