

NF G30-102

05/10/2006

Compressive Force Scale

Group	1	1.1	1.2
	1.3	2	

Ref.: S040



Compressive Force Scale*

Field

This device directly measures all types of clothing, which exert pressure on the body (for example waistbands, stems of socks, medical items) in a manner that causes no

lasting damage and in conditions that replicate what would be experienced when worn.

Group:

1 Textile – **1.1** Clothing – **1.2** Health – **1.3** Technical – **2** Non woven – **3** Leather – **4** Thermoplastics – **5** Thermosets/Composites



Designer of measurement benches

SARL au capital variable de 7650 €

Website : www.sodemat.net / Email : contact@sodemat.net

Principle

Elastic supports, such as the stems of socks, waistbands and underwear must ensure that the items remain in place without bothering the user. Belts and some medical items have to apply maintenance in good conditions. Therefore, it is important for both the user and the manufacturer, to be able to measure the pressure applied over the skin in order to wear these plastic elements.

The compressive Force scale allows for the measurement of the compression pressure.

The instrument does not cause local deformations of the radius of curvature with regards to the measure which, normally, with other methods, constitutes an important disruptive element for the evaluation of compression.

Characteristics**:

Sensor's diameter:	24.68 mm
Sensor's radius:	25 mm
Calculated surface:	5 cm ²

***Characteristics given as an estimate, we reserve the right to freely modify them with the aim of improving the performance of our test device.*

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* non contractual photographs