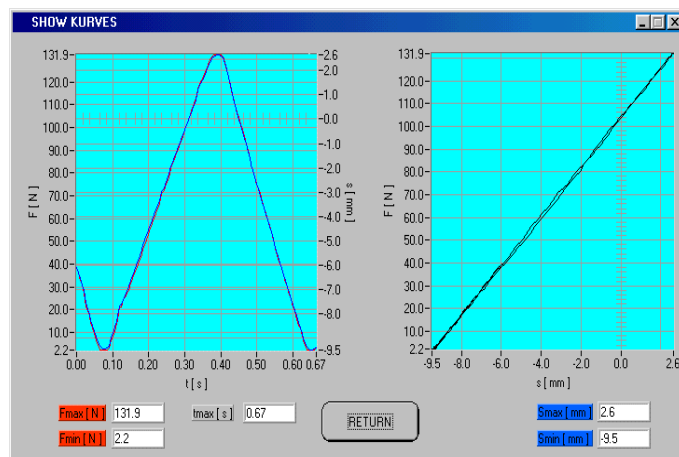


DBPM 3063

Dynamic Tension and Compression Testing Machine



Dynamic Tension and Compression Testing Machine

For dynamic testing of stiff leathers according to DIN 53340 as well as for other materials according to standards.

For the assessment of many materials and components used in footwear manufacture, it does not suffice to determine static properties such as breaking strength or extension at break. In many cases, dynamic testing, cycled at low load rates, will produce more meaningful results than static testing.

Application Areas:

- Dynamic compression tests on shock absorbing materials, foam inlay soles, heels made of elastomer compounds, toe caps, heel counters
- Dynamic bending tests on shank parts, steel shanks, heels, heel attachments
- Dynamic tensile tests on seams, textile upper materials (seam slippage), elastics, shoe fastenings

Technical Data

- Force measurement by means of exchangeable strain gauge sensors; Fmax = 2000 N (alternatively 200/1000 N)
- Inductive displacement measurement
- Computer-based data interpretation and system control (WIN 95/98, Pentium II)
- Testing frequency: 0.3 to 4 Hz
- Supply voltage: 230 V 50-60 Hz
- Supply frequency: - Power consumption: approx. 200 W
- Compressed air supply: 5 bar, approx. 15 L/min

Reference N° DBPM 3063

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