

SPRING-BACK TESTER dia. 0.070 up to 8.0 mm and strip mod. SB5, SB6
 STANDARDS: IEC 60851-3.4, NEMA MW 1000, JIS C 3216-3

TEST PROCEDURE (wire dia. 0.070 mm to 1.60 mm): a sample of wire should be wound (5 times IEC, DIN) (3 times NEMA, JIS) on a mandrel of diameter according to the standards and at its end a weight will be applied, the winding speed must be constant. The spring-back value can be read on a graduate disc.

TEST PROCEDURE (range >1.60 mm and strip) : the test consist of bending a specimen of 400 mm (16”) long over a given angle, then removing the load and measuring the spring-back angle in degrees. The specimen shall be removed from the spool with as little bending as possible.

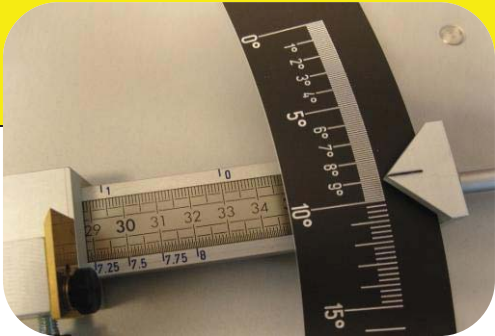
TECHNICAL SPECIFICATIONS

Wire diameter up to 1.60 mm

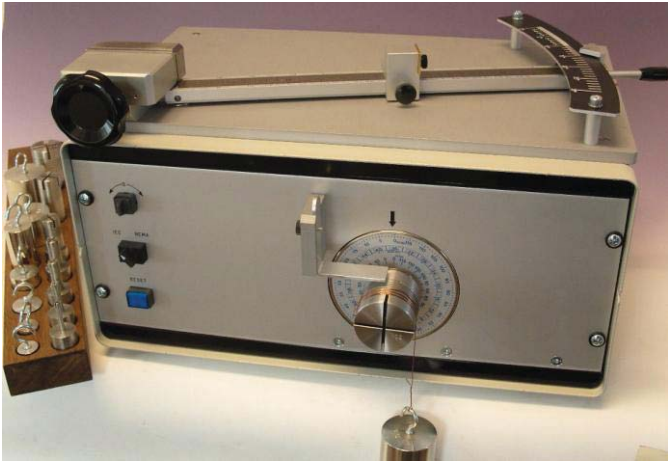
- Complete set of weights and fast plug-in grooved mandrels.
- Electronic drive gear motor for winding /unwinding at constant speed.
- Disc division every degree for all standards.
- Fully automatic (mod. SB6), automatic winding according to IEC, NEMA standard (mod. SB5).
- Digital spring-back counter resolution 1° (mod. SB6).
- Speed and winding turns automatically selected according to the standards.

Wire diameter > 1.60 mm and strip

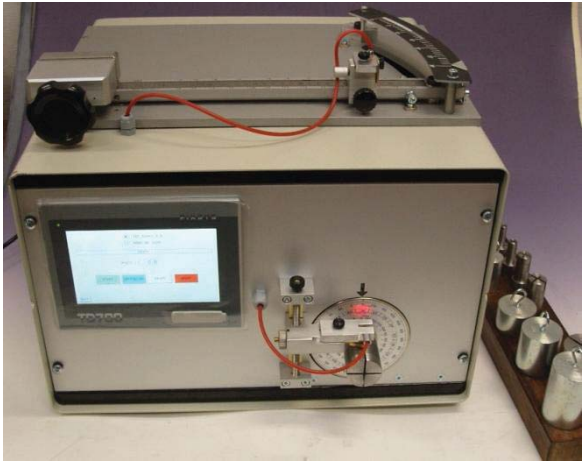
- Fully automatic, with motorised lever arm with constant speed (mod. SB6).
- Manual activated (mod. SB5)
- Digital spring-back angle readout with 0.1° resolution, optical fibre photocell to detect the sample position (mod. SB6).
- Integral precision scale, resolution to 0.10° of one degree up to 10° and 0.25° of one degree up to 15°.
- Lever arm length 330 mm resolution 1 mm
- Direct indication of sample size in mm and AWG
- Adjustable device to compensate the sample wire bend



Model	Power supply	Dimensions	Weight
SB5	230V 50/60Hz 1 phase 75VA	w 500 x d 330 x h 280 mm	15 kg 33lb
SB6	230V 50/60Hz 1 phase 150VA	w 500 x d 400 x h 390 mm	28 kg 61.6 lb



Mod. SB5



Mod. SB6

Data changes reserved