

Spring Back Tester

Model SB3, SB4



Model SB3



Model SB4

Test procedure

The test consists of bending a 400 mm (16") long specimen 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.

System description

- Suitable for aluminium and copper wire diameter range >1.6mm and strip wire
- Fully automatic, with a motorized lever arm with constant speed (model SB4)
- Digital spring-back angle readout with 0.1° resolution, optical fiber photocell to detect the sample position (model SB4)
- 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, a direct indication of slider position according to wire size in millimetres and AWG
- Manually activated (model SB3)
- Adjustable device to compensate for the sample wire bend

Specifications

Model	SB3	SB4
SB3, SB4	Manual	Automatic
Dimensions		
Dimensions (WxDxH)	320x550x160 mm	510x500x370 mm
Weight	6.4 kg / 14.1 lb	22 kg / 48.5 lb
Power supply		
Volt		230 V
Hertz		50/60 Single phase
Volt-amperes		75
Standards		
IEC 60851-3.4.2	x	x
NEMA MW 1000	x	x
JIS C 3216-3	x	x