Strip Bending Device

Model SBDX

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Test procedure

A straight piece of wire approximately 400 mm (15”) in length shall be bent through 180° round a polished mandrel of the diameter given in the relevant standard in two directions to form an elongated S-shape. The straight part between the U-shape bends shall be at least 150 mm. Care should ensure the specimen does not buckle or depart from a uniform bend.
After bending, the insulation shall be examined for cracks in enameled wire, exposure of the bare conductor or underlying coating in fiber-covered wire, exposure of the bare conductor, and de-lamination in tape-wrapped wire under magnification of six to ten times.
Six specimens shall be bent, three flatwise (on the thickness) and three edgewise (on the width). If the wire shows cracks or de-lamination, exposure of the bare conductor or underlying coating shall be reported, whichever is applicable.

System description

- Suitable for strips up to 180 mm2 flat-wise and edgewise bent
- Harsh galvanized steel construction
- Fast sample locking

System description

- Manual device for strip bending
- High-precision roller bearings
- Mandrels on request depending on wire diameter and bending direction

Specifications

Model	SBDX
SBDX	
Dimensions	
Dimensions (WxDxH)	180x260x200 mm
Weight	10 kg / 22 lb
Power supply	
Manual driven	
Standards	
IEC 60851-3.5.1.2	

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