Schleuniger

CoaxStrip 5300 RX

CoaxStrip 5300 RX
Micro-Coaxial Cable Stripping Machine

- High precision rotary stripping with up to nine steps
- Able to strip very thin layers due to the unique four-blade concept
- No tooling or blade changeovers required
- Universal four-jaw cable centering system
- Menu guided programming with user-friendly graphical display

STRIPPING

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Concept

The CoaxStrip 5300 RX strips extremely thin micro-coaxial cables down to inner diameters of only 0.07 mm (42 AWG) at very short cycle times. Its new high-speed rotary stripping head design guarantees maximum precision and prevents maintenance-related machine downtime. Today, they are common in the medical industry and in antenna-related components or devices from different industries. As a consequence, high quality standards regarding accuracy and reliability must be met during processing.

Programmable settings for each step of each program:

- Stripping position
- Stripping diameter
- Feed rate of the stripping blades
- Rotational speed of the stripping head
- Rotational direction of the stripping head
- Extra spin time of the stripping head
- Wayback (opens blades slightly before pulling off)
- Stripping lengths (partial strip or full strip)
- Pull-off speed
- Pull-off with or without rotation of the stripping head
- Cable clamping force

Special Features

- Wire list processing
- Iguana™ Wire Processing software (optional)
- Diagnostics features
- Password protect with different user levels
- Equipped with waste vacuum system (to prevent maintenance-related machine downtime)

Technical Specifications

Maximum cable diameter	2 mm (0.079")
Minimum inner diameter	0.07 mm (0.003")
Diameter increments	0.01 mm (0.001")
Maximum stripping length	29 mm (1.14")
Stripping length increments	0.01 mm (0.001")
Maximum stripping steps	9
Cable clamping	Motor driven with programmable clamping force
Production rate	650 pcs. / hour (depending upon cable type and programming)
Program capacity	1,000 cables / 100 wire lists
Interfaces	RS 232, foot pedal
Noise level	< 70 dB (A)
Power supply	100 / 240 VAC: fuse 3.15 A/T 50 – 60 Hz, 100 VA
Compressed air	4 – 6 bar (60 - 90 psi)
Dimensions (L x W x H)	494 x 140 x 218 mm (19.4" x 5.5" x 8.6")
Weight	9 kg (20 lbs)
CE – conformity	The CoaxStrip 5300 RX fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.
Important note	Schleuniger recommends that wire samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine.

To Be Precise.