



## Wire Cutter and Stripper Series 1

### Technical Datasheet

This machine is designed to greatly reduce the time it takes to produce low to medium volume wiring looms. It is designed to offer the following advantages:

1. Accurate wire measuring and cutting (+/- 0.25%\*)
2. Extremely short setup time (<10s typical)
3. Fast operation (9s to feed and cut a wire 1000mm long)
4. Simple user interface
5. Small footprint (235x200mm)
6. Active and passive antijamming technology
7. Blades which are:
  - a. Radiused - allowing for more full insulation cutting
  - b. Tungsten Carbide with Diamond Like Coating - for long life
  - c. User replaceable

Manufacturer	Rigour Engineering Ltd
Country of manufacture	UK
Part Number	RE-WCS1
Supply Voltage	90-260VAC, 140-350VDC
Supply Hz	50-60Hz
AC Current	2A/115VAC 1.2A/230VAC
Dimensions	235L x 200W x 270H (mm)
Weight	4.5KG
Certification	CE, UKCA
EMC	BS EN IEC 61000-6-3:2021
	BS EN IEC 61000-6-1:2019
Operating Temperature	0-30 °C (non-condensing)
Manufacture Warranty	1 year
Compliance	ROHS, REACH
Feed Rate (max)	130mm/S
Input Wire Diameter	0.40-3.00mm (external)
Measurement accuracy	+/-0.25%*

\*The accuracy of the measured wire length is dependent on the wire going into the machine not being severely bent. It is also varies slightly depending upon the wire thickness. The tolerance was calculated by using a wide variety of wires cut to 1000mm and measuring the difference between the lengths.