



■ Key technical features

- High-precision cutting and straightening of MI cables
- Handles a wide range of cable lengths and diameters (1-8mm)
- Tailor-made clamp and blade system provides burr free cuts
- Cutting software gives timely notifications when internal parts require replacement
- Advanced safety features to protect operators and prevent accidents
- Machine provides malfunction alerts through flashing lights to help localize errors
- Extremely tight tolerances on cut lengths
- Log files allow for trouble-shooting and maintenance



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■ Cutting and straightening machine CS-1100

The CS-1100 is a cutting and straightening machine for MI cables. This state-of-the-art machine has been designed to automate the temperature sensor production process, ensuring greater efficiency, accuracy, and speed. The CS-1100 is poised to revolutionize the production of industrial temperature sensors by streamlining the process, reducing costs, and improving the quality of the final product.

The machine is equipped with advanced sensors and software, which ensure:

- Straightening of a coiled MI cable
- Burr-free precision cutting of the MI cables to the required length
- Accurate measurements (within 1mm tolerance on lengths >100 meters)
- Consistency: each cut piece is of exactly the same length and quality
- Handling of a wide range of cable sizes (OD between 1.0mm and 8.0mm)

TECHNICAL SPECIFICATIONS

Supported cable diameter	1.0mm - 8.0 mm
Straightening method	Rotary straightener
Cable feeding method	Double rubber timing belt
Cutting method	150mm OD ceramic cutting disk
Extraction unit	External
Machine dimensions	1100 x 600 x 1433 mm (LxWxH)
Weight	300kg
Power voltage	230V @ 50Hz
Machine control	Touch-screen LCD
Communication port	USB
Safety certification	CE

■ Spoolholder

As addition to the CS-1100 we also offer a spool holder. The spool holder is used to hold the MI cable spool in place, which allows the machine to smoothly pull the cable through during the cutting and straightening process.

TECHNICAL SPECIFICATIONS

Supported cable diameter	1.0mm - 8.0mm
Support spool inner diameter	450 or 700mm
Machine dimensions	900 x 900 x 1.128mm (LxWxH)
Weight	70kg

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