

## Stripping and twisting machine **ST215 / ST215W**

The all new cable Stripping and Twisting machine **ST215** was specially developed for thin cables. It features a four-blade system, which provides accurate and exactly repeated cable stripping.

The insulation is removed by cutting with rotating blades and strip-off in one single step. This innovative procedure allows processing of microcoax cables as well as Teflon or Kapton coated cables. Furthermore, wires are twisted during the stripping process. The high precision avoids damage to core, shield or dielectric. In addition, a centering unit allows very high precision stripping for high-end applications. The centering unit is infinitely adjustable and assures that the cable is centered respectively to the cutting blades. User influences regarding the stripping quality are eliminated.

Precision blade diameter control with a micrometer scale, allows a quick set-up of diameter. The locking screw of the diameter adjusting system makes the machine available even for military and aerospace applications. The quick length control is equipped with a sensor which initiates the stripping process. The high quality of the product guarantees a precise repetitiveness.

In addition, the **ST215W** features an adjustable Wayback. This function will open the blades a little prior to pull-off. This increases the stripping quality, especially when the wires have important diameter tolerances. Furthermore, the rotation of the stripping head can be stopped prior to pull-off. This allows to twist or not the strands.

### Features

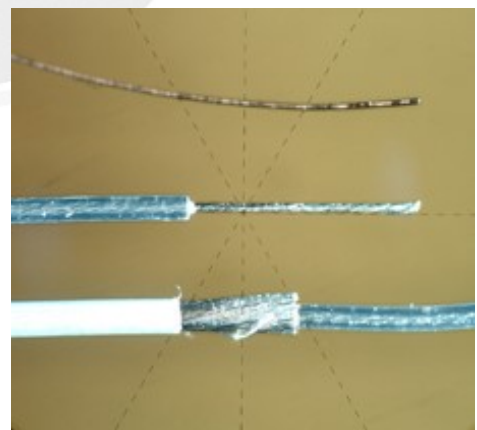
- Wire size range from 0.08 mm (0.003") to 2.0 mm (0.08") (12 – 40 AWG)  
Depending on wire type down to 0.02 mm (0.001") or 50 AWG
- Outer cable diameter max 2.5 mm (0.1")
- Stripping length up to 13 mm (0.5")
- Adjustable diameter feed rate
- Four cutting blades on one plane
- Sensor activated start cycle
- Air nozzle against cable rests
- Wayback (**ST215W** only)
- Foot pedal activated start cycle (optional)
- Left or right rotation/twisting
- Fast and easy change of length and diameter
- Suitable for microcoax cables and Teflon, Kapton insulations
- 100-230V power supply, 5 to 12 Bar compressed air

### Options

- Foot pedal
- Micro filter for compressed air

### Swiss Made

The **ST215 / ST215W** is developed and manufactured in Switzerland by **Nitronic**. She is a world novelty; there is no comparable product on the market.



Comparison: Microcoax cable / human hair