



# Accu-Cut 202W

## AUTOMATED WIRE CUTTER

The Automated Wire Cutter is a high precision automated medical wire cutter that provides the cleanest cuts for Stainless Steel, Nitinol, and Titanium wire, flat wire, and coils. The automatic guidewire cutting machine offers many state-of-the-art options for recipe set-up, enhanced control, clean and convenient storage.



### KEY FEATURES

- Full-color, touch-screen HMI
- Unparalleled cut length repeatability
- Carbide tooling promotes long cutter life and ideal cut quality
- Recipe-driven software for fast changeovers with barcode reader integrations
- Programmable routine service and maintenance reminders
- Easily integrates with Accu-Feed and Accu-Bin systems for enhanced automatability
- Virtually unlimited processing options, including CleanAir Deionizer and Scrap Eject.

### SPECIFICATIONS

**Rate:** 200ppm

**Speed:** 14.566"/second (37cm/second)

**High speed option:** 44.882"/second (114cm/second)

**Standard deviation:** .0005" (short lengths) (0.013mm)

**Repeatability (+/-):** .2-.5% of total cut length in most applications

**Design annual usage:** 10 million cycles

**Maximum blade force:** 20 lb. (9.07 kg)

**Typical materials:** All types of wire

**Cut length range:** .020-300" (0.51-7620mm)

**Cut and slit length range:** 0-100" (0-2540mm)

**Length handling range:** 2-1000" (5-2540cm)

**OD handling range (cut):** .001" - .025" (sometimes larger)

**Power:** 100-240VAC at 1A

**Air:** 90psi at 0.1-5cfm

**HMI:** 7" full color LCD touchscreen

**Dimensions (standard machine):** 15" x 20" x 14" (38 x 51 x 36cm)

**Weight (standard machine):** 50 lb. (22.7 kg)

**Storage and operation environment:** 50-100° Fahrenheit and humidity of less than 60% (10-38° Celsius)

**Warranty:** 1 year

**Certifications:** CE optional; safety cover & interlocking switch standard

### COMMONLY PROCESSED MATERIALS

- Coated or uncoated Stainless Steel
- Coated or uncoated Nitinol wire

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## OPTIONS

**Auto Load:** detects incoming part and starts process

**Input guide:** helps guide part into Auto Load

**Encoder wheel spare:** recommended; one encoder wheel is included with machine

**Input roller guide:** guides extremely sticky parts into machine

**Input shelf:** extends input guide length for fragile parts

**Air conveyor**

**Micro-bin bag loader:** recommended for parts up to 30cm in length

**Micro-bin jar loader:** laboratory-grade plastic jar with screw-on cap

**Micro-bin tube loader:** recommended for parts up to 12" in length

**Scrap Eject System:** automatically separates Lead In and Tail scrap ends

**Stainless steel output bin:** holds parts up to 100" in length

**High resolution:** ensures a standard deviation on short parts of 0.003" or better

**High speed option:** increases max index speed from 14 to 40ips and max accel from 200 to 1000ips<sup>2</sup>; recommended for long parts and/or high volume

**Recipe Database System:** eliminates errors in machine set-up

**Barcode scanner:** allows for effortless, error-free machine set-up when used with barcode identification sheet

**Foot switch:** makes cut when pressed

**Sequencing option:** allows for up to 48 programmable cuts in a sequence

**Takeaway option:** cuts next part when a part is removed from machine output

**Tip reference sensor:** uses a laser comparator to identify diameter change and accurately reference cut location

**220VAC:** voltage option if required by CleanAir Deionizer

**CE mark:** includes safety guard over blade

**Dual Feed System:** utilizes a rotating mount to provide precise alignment and easy changeover between an Accu-Feed CPF and Accu-Feed LTD to an Accu-Cut

**Printer integration:** includes software and testing

**Stand:** high-quality, aluminum-extruded stand allows for precise alignment between a cutter and feeder; can be outfitted with wheels for easy maneuvering

**Vertical mount:** mounts machine so that final parts may be dropped into bag

**Wheels:** swiveling, locking polyurethane wheels provide easy maneuverability for mounted machines



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