



Accu-Flare Cut-Slit-Flare

Automated Cut-Slit-Flare Machine

An evolution of the Accu-Cut 202L, the Accu-Flare CSF, Automated Cut-Slit-Flare Machine, is the first machine in the world to feature an all-in-one operation for the cutting, slitting and thermal flaring of thermoplastic medical tubing. With four operating modes, programmed using its full-color LCD touchscreen, the CSF offers flexibility and control. The CSF easily integrates with Accu-Feed stick and spool feeders for fully automated manufacturing.

Key features

- Four operating modes: cut; cut and slit; cut and flare; and cut, slit and flare
- Thermal flare capability
- Safe and ergonomic process
- Many options for enhanced set-up and special process needs
- “Walk-away” automation of stick and spool-fed materials available

Specifications

- **Rate:** 6ppm
- **Speed:** 14"/second (36cm/second)
- **Standard deviation:** .005" (.013mm)
- **Repeatability (+/-):** .010" (0.25mm)
- **Typical materials:** Thermoplastic tubing
- **Cut length range:** .020-1000" (.050-2540cm)
- **Cut and slit length range:** 2-4" (5-10cm)
- **Cut and flare length range:** 2-48" (.05-1.21m)
- **Cut slit and flare length range:** 2-6" (2-15cm)
- **Length handling range:** 6-1000" (.15-25m)
- **OD handling range (cut):** .010-.200" (.025-.50cm)
- **OD handling range (cut and slit):** 0.020-0.130" (0.050-0.33cm)
- **OD handling range (cut and flare):** 0.020-0.130" (0.050-0.33cm)
- **OD handling range (cut, slit and flare):**0.020-0.130" (0.050-0.33cm)
- **Power:** 110-220VAC at 50/60Hz
- **Air:** 770-120psi at 5cfm
- **HMI:** 7" full color LCD touchscreen
- **Dimensions (standard machine):** 14" x 20" x 14.5" (35.5 x 50.8 x 36.8cm)
- **Weight (standard machine):** 55 lb. (25kg)
- **Storage and operation environment:** 50-100° Fahrenheit and humidity of less than 60% (10-38° Celsius)
- **Warranty:** 1 year
- **Certifications:** CE optional; safety cover and interlocking switch standard
- **Blade types:**
 - Gem single edge SS or carbon steel
 - Gillette double edge
 - Lutz 4320
 - Lutz 4310

Typical materials processed

- Teflon® PTFE
- Teflon® FAP
- silicone
- polyimide
- Pebax®
- PEEK
- polyurethane
- PVC (vinyl)
- latex and natural rubber
- TPE
- PET
- polycarbonate
- acrylic
- polyethylene
- nylon 6 and small diameter nylon 12
- Delrin® (acetal)
- polypropylene
- optical fiber
- natural suture
- synthetic suture (polyglycolide)
- small diameter glass fiber
- lead and silver bearing solder

Options

- **Micro-Gap system:** detects incoming part and starts process
- **Auto-Load:** detects incoming part and starts process
- **Input guide:** helps guide part into Auto-Load
- **CleanAir Deionizer:** eliminates static to allow for easier part handling
- Air conveyor
- **CleanStore bag loader:** recommended for parts up to 30cm in length
- **CleanStore jar loader:** laboratory-grade plastic jar with screw-on cap
- **CleanStore tube loader:** recommended for parts up to 12” in length
- **Custom bag loader**
- **Passive scrap eject system:** automatically separates scrap ends
- **Stainless steel output bin:** holds parts up to 60” in length
- **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
- **Narrow slot bushing:** guides extremely sticky parts into machine
- **Stand for Accu-Feed CPF integration**
- **Wheels (LP, LP/D, LS)**

Scan the QR code for more information

