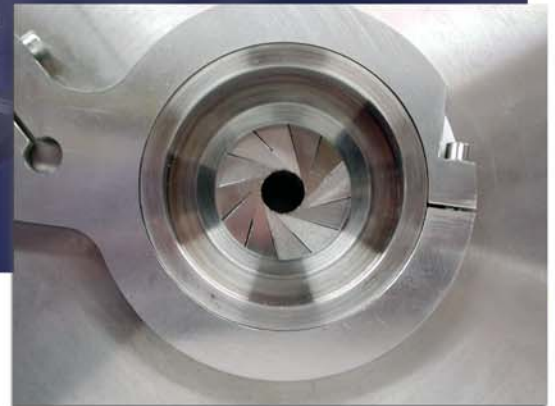
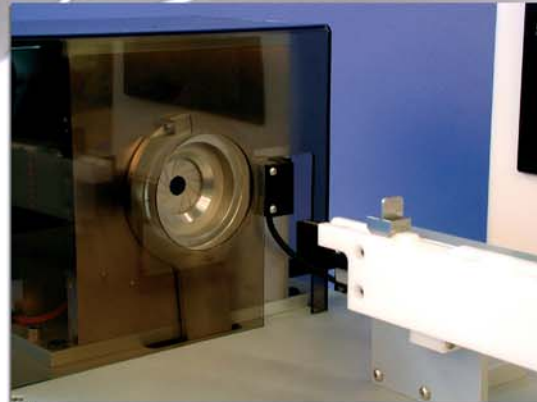


SC700/800

Stent Crimping Equipment



SC800

The MSI SC700/800 stent crimping equipment is intended for use as an R&D tool, pilot production or manufacturing of balloon expandable stents and stent graft products.

The SC700/800 provides controlled thermal crimping energy to further improve stent profiles and stent edge protection. The MSI thermal crimping equipment is becoming the industry standard for crimping balloon expandable stainless steel and cobalt chromium stents and stent grafts.

SC700/800 Features

- **Integral thermal controls up to 100°C.**
- **Pneumatic crimp activation.**
- **Crimp head dwell timer.**
- **Stainless steel segment material.**
- **Micrometer stops for precise diameter control.**
- **Stainless steel heated crimp head.**

SC700/800

Stent Crimping Equipment



SC700

SC700/800 Equipment Specifications

Control Mode

- Crimp Diameter - Pneumatic controlled crimp open and close with micrometer hard stops.
- Crimp Duration - Operator adjustable dwell timer.
- Operator adjustable pressure regulator.
- Crimp Temperature - Operator programmable digital controller with type K thermocouple.

Outputs

- Load cell connection (optional display).

Line Voltage/Power

- 110 - 240 VAC 50/60Hz.

Operating Environment

- 60°F to 85°F (15°C to 29°C).

Storage Temperature

- 32°F to 140°F (0°C to 60°C).
- 0 to 85% RH, non-condensing.

Safety Features

- Emergency stop switch.
- Polycarbonate safety covers.
- Chassis ground.
- CE compliant.

Summary of Spec Data

<i>SC700 Crimp Diameter Range</i>	0 - 5.0mm
<i>SC800 Crimp Diameter Range</i>	0 - 12.0mm
<i>SC700 Crimp Head Length</i>	50mm
<i>SC800 Crimp Head Length</i>	60, 90, 120mm
<i>Maximum Crimp Force</i>	75 - 300 lbs (depending on cylinder size)
<i>Power Requirements</i>	110 or 220 VAC
<i>Pneumatic Requirement</i>	100 psi
<i>Heater Temperature Range</i>	77°F - 248°F (25°C - 120°C)
<i>General Warranty</i>	1 Year

SC700 Machine Dimensions

- Shipping Weight: 95lbs (43kg)
- Machine Weight: 59lbs (27kg)
- Height: 14" (356mm)
- Width: 20" (508mm)
- Depth: 12" (381mm)

SC800 Machine Dimensions

- Shipping Weight: 122lbs (55kg)
- Machine Weight: 80lbs (36kg)
- Height: 14" (356mm)
- Width: 22" (559mm)
- Depth: 18" (457mm)