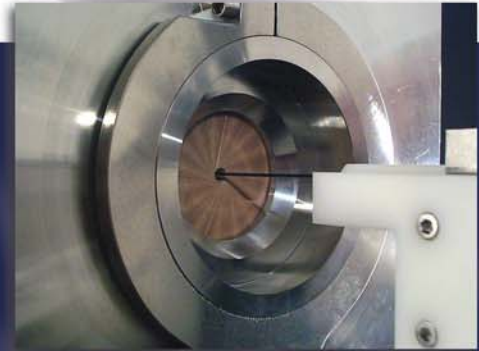
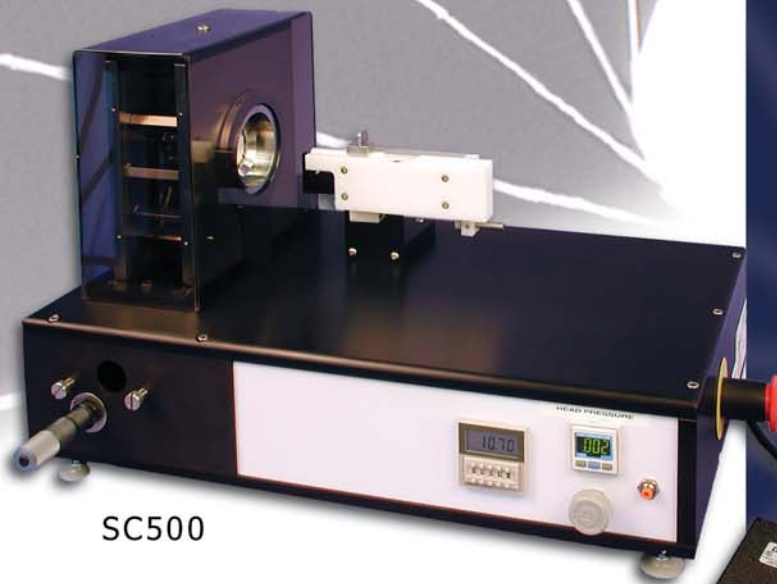


SC500/600

Stent Crimping Equipment



The MSI SC500/600 stent crimping equipment is intended for use as an R&D tool, for pilot production or manufacturing of balloon expandable stents and stent graft products.

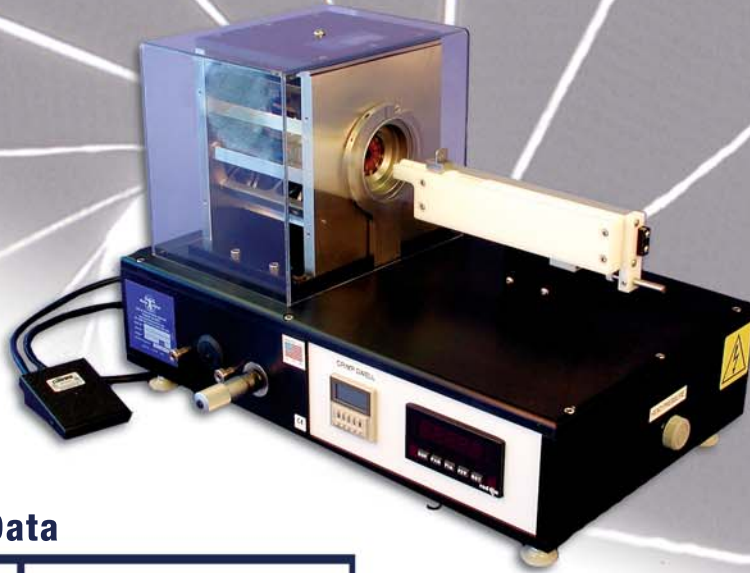
Utilizing the proprietary MSI segmental compression mechanism the SC500/600 provides optimized stent profiles and crimp uniformity without the deleterious effects of shear forces on the underlying substrate and can be used with bare metal, coated or drug eluting stent products.

SC500/600 Features

- **Pneumatic crimp activation.**
- **Activation force measurement.**
- **Crimp dwell timer.**
- **Micrometer stops for precise diameter control.**
- **Crimp head options:**
 - Stainless Steel (non heated)**
 - Thermoplastic**
 - Quick Change Thermoplastic**

SC500/600

Stent Crimping Equipment



Summary of Spec Data

<i>SC500 Crimp Diameter Range</i>	0 - 5.0mm
<i>SC600 Crimp Diameter Range</i>	0 - 12.0mm
<i>SC500 Crimp Head Length</i>	50mm
<i>SC600 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>General Warranty</i>	1 Year

SC500/600 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.

Outputs

- Load cell connection (optional display).

Line Voltage

- 110 - 250 VAC 50/60Hz.

Operating Environment

- 60°F to 85°F (15°C to 29°C).
- 0 to 85% RH, non-condensing.

Storage Temperature

- 32°F to 140°F (0°C to 60°C).

Safety Features

- Emergency Stop Switch.
- Polycarbonate safety covers.
- Chassis ground.
- CE compliant.

SC500 Machine Dimensions

- Shipping Weight: 88lbs (40kg)
- Machine Weight: 52lbs (24kg)
- Height: 14" (356mm)
- Width: 14" (356mm)
- Depth: 12" (432mm)

SC600 Machine Dimensions

- Shipping Weight: 110lbs (50kg)
- Machine Weight: 65lbs (29kg)
- Height: 14" (356mm)
- Width: 22" (559mm)
- Depth: 18" (457mm)