



The MSI SC995 equipment provides a reliable solution for crimping and loading self-expanding stents with thin walled strut geometries. The SC995's precision segment gapping is specifically designed for neurological and specialized cardiac stents.

The SC995 features a concentric catheter clamping and quill roller system to keep the stent and catheter on centerline for added process repeatability. The SC995 is intended for use in R&D and production settings.

SC995 Features

- **Pneumatic controlled crimp head open and close.**
- **Uniform radial compression.**
- **Micrometer controlled open/close diameter.**
- **Custom roller system supports small diameter quills.**
- **Concentric catheter clamp system.**

SC995

Stent Crimping Equipment



Automated, PLC Controlled Configuration

Summary of Spec Data

<i>Crimp Diameter Range (standard)</i>	0 - 5.0mm
<i>Crimp Head Length (standard)</i>	40mm
<i>Diameter Control</i>	Micrometer
<i>Crimp Head Activation</i>	Pneumatic
<i>Power Requirement</i>	N/A
<i>Pneumatic Requirement</i>	100psi
<i>Quill Operation</i>	Manual
<i>Catheter Clamp Activation</i>	Pneumatic
<i>CE certified</i>	Yes
<i>General Warranty</i>	1 Year

SC995 Equipment Specifications

Control Mode

- Crimp Diameter – pneumatic controlled pre-crimp and crimp open and close with micrometer hard stops.
- Quill Force - operator tactile feedback.
- Catheter Clamps - manually controlled by operator.

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

- CE compliant.

Machine Dimensions

- Shipping Weight: 200lbs (91kg)
- Machine Weight: 100lbs (45kg)
- Height: 13" (331mm)
- Width: 20" (508mm)
- Depth: 15" (381mm)