



The MSI SC990 equipment is a semi-automated solution for loading self-expanding stent and stent graft products. The SC990 offers the operator a simple, repeatable and robust solution for loading stents while eliminating labor intensive manual processes. MSI's quick change quill and clamp designs allow for rapid changeover between product sizes. Accurate uniform diameter control is provided by the Machine Solution's patented Crimp Head technology. When integrating all of these features the operator is provided with repeatable alignment and loading control, the most critical components of loading self-expanding stents.

### ***SC990 Features***

- **Reduced loading time and scrap rates**
- **Uniform radial compression**
- **Accurate and repeatable diameter control**
- **Precision alignment of catheter**

# SC990

## Stent Loading Equipment



### SC990 Equipment Specifications

#### Control Mode

- Crimp Diameter – pneumatic controlled 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

#### Optional Features

- Electrical Emergency Stop, Abort and Reset buttons for safety
- Pre-crimp Diameter (3rd position for head)
- Crimp Pulse Technology™

### Summary of Spec Data

<b>Crimp Diameter Range (Standard)</b>	0mm -40mm
<b>Crimp Head Length (Standard)</b>	230mm
<b>Diameter Control</b>	Precision Micrometer Hard stops
<b>Crimp Head Activation</b>	Pneumatic
<b>Power Requirement (If Applicable)</b>	110 or 220 VAC
<b>Pneumatic Requirement</b>	100 PSI
<b>Quill Operation</b>	Manual
<b>Crimp Head Tip Material</b>	Ertalyte, Delrin, Teflon
<b>Crimp Pulse Technology™</b>	Optional
<b>CE Certified</b>	Yes
<b>General Warranty</b>	1 Year

### Machine Dimensions

- Shipping Weight: 133lbs (60kg)
- Machine Weight: 60lbs (27kg)
- Height: 14.75" (375mm) (Dependent on Head)
- Width: 44.5" (1130mm)
- Depth: 15.75" (400mm)