Stent Loading Equipment











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.

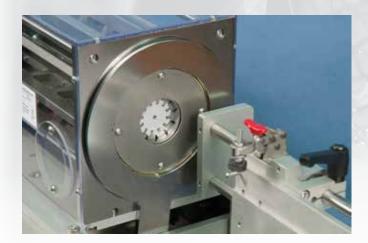
SC990 Features

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





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Summary of Spec Data

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

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™

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)