

# SW255S

## Marker Band Swaging Equipment



The MSI SW255S integrates our proprietary Element™ swaging technology with an automated handling system and PLC control of traverse speed, traverse distance, swage head rotation speed and the number of swage cycles. The robust Element swaging method is intended for use in swaging a wide range of metal band materials down to a smooth embedded finished diameter.

The SW255S is intended for R&D or manufacturing in a clean room environment. The system continuously swages to a fixed diameter without adjustment of shims. Marker bands require operator positioning and pre-swaging. The SW255S has an automated handling system that advances product into the swage elements for a uniform repeatable final swage diameter. As production volumes increase customers can utilize the same validated swaging technology in more automated machine platforms for manufacturing efficiencies.

### ***Marker Band Swaging Features***

- **PLC controlled.**
- **Three element quick change design**
- **Automated handling system.**
- **Swages a wide range of materials.**
- **Low maintenance, space saving design.**
- **No lubrication required.**
- **Clean room ready.**

# SW255S

## Marker Band Swaging Equipment



### Summary of Spec Data

<i>Noise Level</i>	<80dBA @ 305mm
<i>Catheter Handling</i>	Automated Linear Slide
<i>Number of Markers</i>	User Defined
<i>Marker Size</i>	0.021" – 0.250" (0.53mm – 6.35mm)
<i>Pre-Crimp Method</i>	Manual
<i>Marker Band Positioning</i>	Manual
<i>Supply Voltage</i>	110 or 220 VAC
<i>Swaging Principal</i>	Element
<i>CE Certified</i>	Yes
<i>Clean Room Ready</i>	Yes
<i>General Warranty</i>	1 Year

### SW255S Equipment Specifications

#### *Swage Mechanism Base Specifications*

- Manual catheter loading system.
- Manual marker band loading.
- Automated variable speed handling system.
- Multiple band swage in one step.

#### *Swage Element Assembly Specifications*

- Three (3) stainless steel electro-polished swaging elements (customer specified diameter).
- One (1) anodized aluminum closer plate.
- One (1) stainless steel spindle plate and guide plate.

#### *Programmable Parameters*

- Handling system traverse speed and distance.
- Swage head rotation speed.
- Number of swage cycles.

#### *Safety Features*

- Emergency stop.
- Polycarbonate safety cover with interlock switch.
- CE compliant.

### SW255S Machine Dimensions

- **Shipping Weight: 100 lbs (45kg)**
- **Machine Weight: 58 lbs (26kg)**
- **Height: 11" (280 mm)**
- **Width: 22" (559 mm)**
- **Depth: 18" (458 mm)**

