



The MSI FFS700S/800S equipment features our proprietary Wavepleat™ technology mechanism in an easy to use R&D, desktop pilot production or manufacturing unit for processing standard PTCA or PTA catheters. This is our mid-level FFS equipment. The FFS700S/800S is PLC controlled and features a digital readout improving efficiencies during manufacturing and catheter model changes.

### ***FFS700S/800S Features***

- **Interchangeable Wavepleat™ and fold heads.**
- **PLC controlled, pneumatic activation system.**
- **Digital encoder readout for pleat & fold head diameter position.**
- **Micrometer stops for pleat & fold head diameter control.**
- **Sensor activation.**

# FFS700S/800S

## Balloon Catheter Pleating & Folding Equipment



### Summary of Spec Data

<i>Power Requirements</i>	110 or 220 VAC
<i>Pneumatic Requirement</i>	120 psi
<i>Thermal Compression Control</i>	77°F to 212°F (25°C to 100°C)
<i>Balloon Pressure</i>	0 - 110 psi
<i>Balloon Vacuum</i>	Up to 600 mmHg
<i>Pleat Dwell Timers</i>	0 - 99.9 sec
<i>CE Certified</i>	Yes
<i>General Warranty</i>	1 Year

### FFS700S Machine Dimensions

- Shipping Weight: 168lbs (76kg)
- Machine Weight: 138lbs (63kg)
- Height: 14" (356mm)
- Width: 28" (711mm)
- Depth: 22" (559mm)

### FFS800S Machine Dimensions

- Shipping Weight: 182lbs (83kg)
- Machine Weight: 152lbs (69kg)
- Height: 14" (356mm)
- Width: 28" (711mm)
- Depth: 22" (559mm)

### FFS700S/800S Equipment Specifications

#### *Form/Fold/Set Base Unit Specifications*

- Pneumatic controlled base with interchangeable pleat & fold heads.
- Digital Encoder readout for pleat & fold head diameter position.
- PLC controller.
- Thermal compression control.
- Manual catheter handling and clamp system.
- Pressure regulator control from 0 - 120 psi.
- Micrometer stop for fold head compression diameter control.
- Straight vacuum/pressure Luer fitting.
- Vacuum control up to 600 mmHg.
- Interlock safety feature.
- Emergency stop.
- CE certified.

#### *Programmable Parameters*

- Pleat/fold head dwell timer.
- Pleat/fold head close delay.
- Thermal head controls.
- Vacuum delay.

#### *Pleat Head Specifications*

- One (1) Wavepleat™ head with customer specified pleat/segment design.
- Heater junction box with LED indicators.

#### *Fold Head Specifications*

- One (1) folding mechanism with PTCA or PTA open diameter and length specifications.
- Ten segment heated stainless steel fold head design.
- Heater junction box with LED indicators.