



The MSI FFS200 offers a simplified machine base utilizing proprietary WavePleat™ technology for balloon pleating and folding. This equipment is ideal for R&D or low-volume production where the folded balloon properties are critical.

The FFS200 is pneumatically operated and accepts a wide variety of head lengths and diameters. Each Wavepleat™ head is designed to specific balloon dimensions to assure accurate and repeatable processing with the lowest possible folded balloon profiles. Compared to hand folding the thermal properties of the MSI pleat and fold heads may increase balloon refold characteristics.

FFS200 Features

- **Pneumatic pleat/fold activation.**
- **Accurate and repeatable process.**
- **Minimal folded balloon profiles.**
- **Balloon lengths up to 150mm.**

FFS200

Balloon Catheter Pleating & Folding Equipment



Summary of Spec Data

<i>Balloon Pressure</i>	0 – 60 psi
<i>Balloon Vacuum</i>	Up to 600 mmHg
<i>Thermal Compression Control</i>	Ambient to 100°C
<i>Pleat/Fold Dwell Timers</i>	0 – 99.9 sec
<i>Power Requirements</i>	110 or 220 VAC
<i>Pneumatic Requirements</i>	100 psi
<i>General Warranty</i>	1 Year

FFS200 Machine Dimensions

- Shipping Weight: 116lbs (53kg)
- Machine Weight: 75lbs (34kg)
- Height: 13" (330mm)
- Width: 22" (559mm)
- Depth: 19" (483mm)

FFS200 Equipment Specifications

Form/Fold/Set Base Unit Specifications

- Pneumatic controlled base with interchangeable pleat & fold heads.
- Micrometer stop for fold head compression diameter control.
- Straight vacuum/pressure Luer fitting.
- Footswitch activation.
- Pressure regulator control from 0 - 100 psi.
- Emergency stop.

Programmable Parameters

- Pleat/fold head activation pressure.
- Pleat/fold head dwell timer.
- Thermal head controls.
- Balloon pressure.

Pleat Head Specifications

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

Fold Head Specifications

- One (1) Folding mechanism with PTCA or PTA opening diameter and up to 150mm in length.
- Ten segment heated stainless steel fold head design.
- Heater junction box with LED indicators.