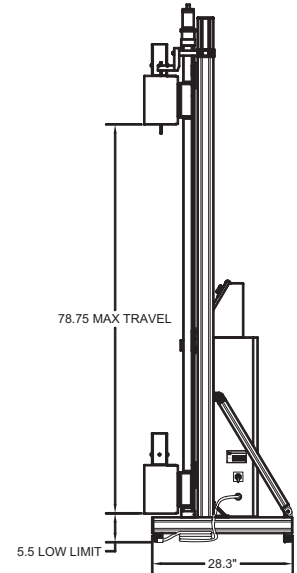




## 311 Dual Head Catheter Lamination

EBD 311 Dual Head Catheter Laminator shrinks catheter tubing faster than the competition. Designed for vertical operation, its **patented hot air circulation process** contains the heat within the system, maximizing the time at temperature for faster processing.

By **improving accuracy** of all controlled parameters, this machine can **increase productivity** through reduced rejects and faster processing speeds.



### KEY FEATURES

- Two vertical actuators each support a double lamination chamber assembly and move parallel to the suspended catheter (total of 4 lamination areas)
- Multiple speeds in multiple ranges per stored recipes
- Lamination chamber assemblies maintain a constant temperature, set within the recipe
- Long heating chamber results in process speeds up to 10x faster than forced air laminators
- Temperature difference between sides of a given chamber is minimized by mixing the air through a central heater
- Programmable logic controller (PLC) runs all stored lamination programs
- Full color touchscreen makes machine operation quick and easy

### SPECIFICATIONS

**Input power:** 208 - 240 VAC, single phase, 50/60 Hz, 16A full load current draw

**Weight:** 720 lbs

**Dimensions:** 40" W x 108" H x 30" D

**Product size:** .010" to .188" diameter, 65" to 72" long

**Safety:** This machine complies with all NFPA 79 electrical standards and meets CE safety, wiring, and emissions standards. This machine is certified for international use.

**Mandrel mounting:** Tapered fitting (no vacuum)

### RANGE & ACCURACY

**Minimum/maximum temperature:** 100°F - 650°F.

**Temperature tolerance/error/accuracy:** +/- 5°C.

**Minimum/maximum speed:** 0.1 cm/sec. - 12.0 cm/sec.

**Speed tolerance/error/accuracy:** +/- 0.012 cm/sec (0.1% of max speed)

**Minimum/maximum distance:** 0 cm - 200cm.

**Distance tolerance/error/accuracy:** +/- 0.013 cm (0.005 inch)



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