

112 Elmwood Ct., Los Gatos, CA 95032

Phone: (408) 489-1396 Fax: (408) 378-9537
www.CatheterEquipment.com
Email: sales@beahmdesigns.com

CONVENTIONAL NOZZLE TYPES AVAILABLE:

Vertical and horizontal "U-shaped" openings, Opposing, bi-directional and crescent, multi-directional airflow slots .0"—2" widths.

Special Purpose Nozzles on Request

Beahm Designs' hot air stations are used by medical device engineers and technicians to develop and manufacture single and multi-lumen catheter products. The precision heating, delivery and focus of process air through a single or multi-port air nozzle attain process control, accuracy and repeatability. All models incorporate a self-tuning temperature controller with thermocouple feedback and SCR power control to provide highly stable set-point control. Low heater airflow safety switches are incorporated to prevent heater burnout. These stations perform high quality balloon and tubing bonds, lap joints, tube necking and recovery, bifurcations, trifurcations and more.

System capabilities include but are not limited to:
tubing bonds, balloon bonds, shaft necking and recovery, single and multi-lumen junctions, apply shrink tubes.

210-A Balloon Development Station:



Hot Air Station 210-A with air/vac feature shown with an optional vertical "U-shaped" bi-directional air nozzle.

USER BENEFITS:

- Foot pedal actuated cooling line frees your hands for maximum productivity.
- Accurate temperature control and precise air delivery increases your yield
- Multi-purpose design speeds the process of catheter development and manufacturing
- Remote heater enclosure provides you with maximum workspace
- Air pressure/ vacuum allows you to blow balloons and expand tubes
- Standard luer lock air/vac fitting provides you with maximum compatibility
- Includes 3 yr. Warranty on parts and labor.

STATION SPECIFICATIONS:

- Temp Range:**
Ambient to 750 deg. F
- Accuracy:** +/- 2 deg. F
- Size:** 7" H x 12" W x 9" D
(main enclosure)
2" H x 4" W x 6" D
(heater enclosure)
- Air Pressure:** 0-100 psi
- Vacuum:** 0-25 Hg
- Power Requirements:**
120 vac, 50/60 Hz
- Compressed Air Requirements:**
80-100 psi, Dry Filtered Air

185-A Standard Station



Hot Air Station 185-A shown with an optional vertical opening, opposing port, bi-directional nozzle.

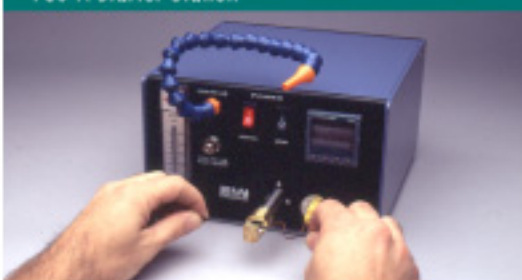
USER BENEFITS:

- Foot pedal actuated cooling line frees your hands for maximum productivity.
- Accurate temperature control and precise air delivery increases your yield.
- Special purpose nozzles are available for a variety of applications
- Remote heater enclosure provides you with maximum work space
- Ergonomic, intuitive design ensures ease of use
- Includes 3-year warranty on parts and labor.

STATION SPECIFICATIONS:

- Temp Range:**
Ambient to 750 deg. F
- Accuracy:** +/- 2 deg. F
- Size:** 5.25" H x 9" W x 9" D
(main enclosure)
2" H x 4" W x 6" D
(heater enclosure)
- Power Requirements:**
110 vac, 50/60 Hz
- Compressed Air Requirements:**
80-100 psi, dry filtered air

160-A Starter Station



Starter Station 160-A features an integrated heat source.

USER BENEFITS:

- Provides you with excellent step-up from hot air guns
- Integrated heat source allows greater bench top space
- Small footprint
- Cost effective
- Low heater flow switches prevent heater burnout.

STATION SPECIFICATIONS:

- Temp Range:**
Ambient to 750 deg. F
- Accuracy:** +/- 2 deg. F
- Size:** 5.25" H x 9" W x 9" D
- Power Requirements:**
120 vac, 50/60 Hz
- Compressed Air Requirements:**
80-100 psi, Dry Filtered Air