



# Hot-Flo Heat Box

## Catheter Hot Air Nozzle System

The Somex Automation Hot-Flo Heat Box is a benchtop Catheter Hot Air Nozzle System. The Heat Box features a digital readout of airflow, a ready lamp for temperature and airflow, and options for Enhanced Control & Monitoring of process parameters. It is available in two configurations: Compact and Umbilical (pictured).

## Specifications

<b>Air:</b>	Min 60psi - Max 125psi
<b>Power:</b>	110V AC, 60Hz or 230V AC, 50Hz
<b>Nominal Current:</b>	0.75kVA
<b>Machine Footprint:</b>	Umbilical Configuration: 300mm x 150mm x 227mm (12" x 6" x 9")
<b>Machine Weight:</b>	5kg (11lbs)
<b>Temperature Range:</b>	Ambient - 370°C (700°F)
<b>Air Flow Range:</b>	7-30L/min (15 - 64 SCFH)
<b>Air Pressure Range:</b>	0 - 90psi (0 - 6 Bar)



## Key Features

- Accurate Digital Air Flow Controller with adjustment for precise air delivery to the nozzle for greater product build repeatability.
- Ready lamp to indicate the temperature & air flow are within set limits.
- Options for adding an enhanced level of control & monitoring of process parameters by external systems.
- High accuracy temperature control.
- CE Marked.
- Available in Compact configuration or Umbilical Nozzle configuration with remote-control enclosure.
- Variety of heater design options with adjustable V-Groove
- Tooling to aid the product builder in locating the product in the nozzle for repeatable results.
- Foot-operated cooling air blow nozzle.
- Optional vacuum unit available.

To learn more about the Hot-Flo Heat Box, including a comprehensive list of features and specifications, please visit:



# CPS-1000

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### Nozzle Types:

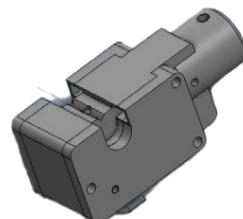
Choose from our custom-designed nozzles crafted to resolve unique customer challenges or request a bespoke design to suit your specific requirements.



**Vertical U-Type Nozzle  
Narrow Single Jet  
(Standard)**



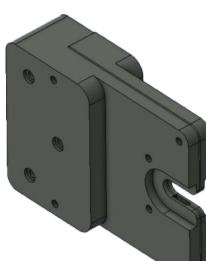
**Vertical U-Type Nozzle  
Narrow Twin Dual-Jet with  
Integrated V-Support**



**Vertical U-Type Nozzle  
Wide Twin Dual-Jet with  
Integrated V-Support**



**Horizontal C-Type  
Nozzle Narrow Quad Jet**



**Horizontal C-Type  
Nozzle Narrow Dual Jet**