

EQUIPMENT OVERVIEW

HBS1000 is a general purpose hot airbox. The difference with competition is that it uses the same hot air nozzle used on our laminator machines. The nozzle provides uniform hot air distribution in the heating area, ensuring consistent and reliable heating for the plastic objects to be joint together. HBS1000 also optionally comes with an adjustable tubing support platform that provides accurate and stable sample holding compared with hand holding only, eliminating one of the major source of inconsistency.



Figure 1 HBS1000 Hot Box System

FEATURES

- Precise temperature control with PID temperature controller and air flow regulator
- Optional sample supporting platform allowing precise position adjustment in vertical direction to align with hot air nozzle
- Come with foot switch operated cooling air nozzle with adjustable flow rate
- Easy to use
- Small footprint

PARAMETERS

Item	Parameter
Max Power	500W
Dimension	27cm x 30cm x 20cm (without platform)
Temperature range	Room temperature – 400 °C
Temperature accuracy	± 3 °C
Compressed air	Dry and filtered air
Air pressure	0.8 Mpa
Input Power	220VAC Single phase

NOZZLE

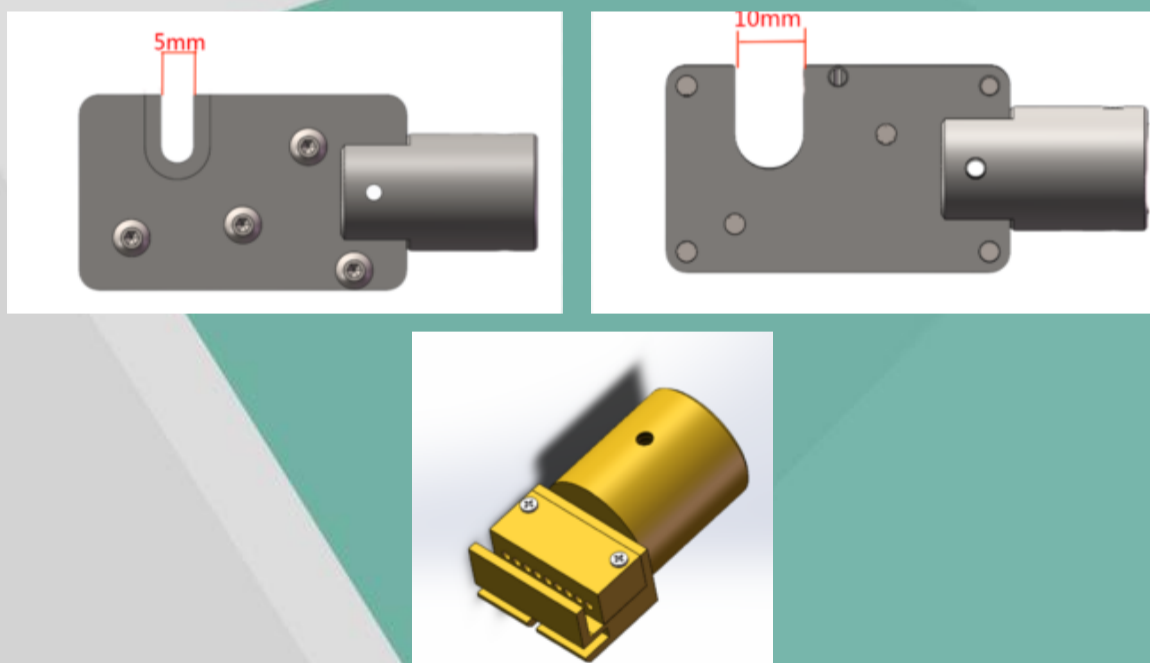


Figure 2 Different sizes of nozzles

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