

ramé-hart Advanced Chamber

Environmental Chamber with Temperature and Humidity Control

Advanced Chamber with Temperature and Humidity Control (100-26-TH)

The ramé-hart Advanced Environmental Chamber features 6" rotating support with 60:1 gear reduction, quartz viewing windows, inlets for dry air and wet air, gas and exhaust ports, pressure relief valve, an integrated leveling stage, locking lid with multiple access holes for dispensing, (2) thermocouple ports, and integral cooling ports for bringing the temperature down quickly or to below ambient. Humidity can be controlled between 0 and 100% and temperature can be controlled between ambient and 85° with humidity or up to 230° without humidity. Includes controller, humidifier, pumps, drying unit, humidity probe, and all necessary tools, tubing, and consumables to get up and running. Chamber and lid can also be customized for specific requirements.

Advanced Chamber with Temperature Control (100-26-T)

Same as 100-26-TH but without humidity control. An upgrade kit is available (p/n 100-26-H-KIT) to add humidity control to 100-26-T.



Advanced Chamber p/n 100-26

Specifications	100-25-TH	100-25-T
Max. Specimen Size	6" (Ø212mm)	6" (Ø212mm)
Rotating Support	Yes	Yes
Humidity Control	0-100%	Upgradeable ¹
Humidity Resolution	0.1	0.1
Humidifier Type	Ultrasonic ²	
Drying Method	Desiccant ³	n/a
Temperature Control	to 230° C ⁴	to 230° C
Temp Resolution	0.1	0.1
Leveling Stage	included	included
Supported Models	100-00/300/500	100-00/300/500
Tilting Base Support	Yes ⁵	Yes ⁵
Gas Ports	included	included
Controller	Temp/Humid	Temp only ¹
Thermocouple	included	included

Options and Spare Parts

100-26-H-KIT	Humidity Upgrade for 100-26-T
100-26-NEEDLE-22	Replacement Dispensing Needle
100-26-CARTRIDGE	Demineralization Cartridge
100-26-FILTER	Dry Air Pump Filters, pack of 6
100-50-01	Spare Thermocouple
100-07-50	Quartz Cell

¹ Order p/n 100-26-H-KIT to add humidity control to 100-25-T. Includes humidifier, drying unit, pump and controller.

² By using ultrasonic humidification the chamber can be kept cool at or near ambient temperatures without the warm mist produced by vaporization.

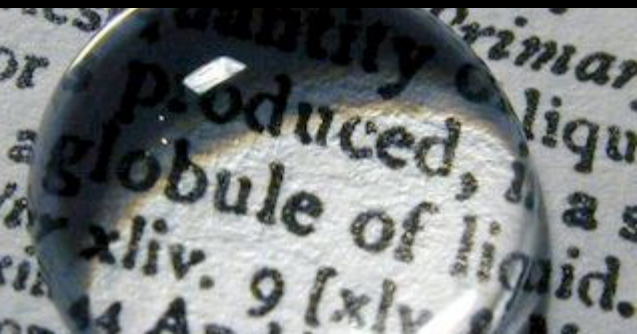
³ Indicating Desiccant can be recharged.

⁴ Maximum temperature with humidity control is 85° C.

⁵ Order 100-25-M or -A for optional Tilting Base Support.

ramé-hart instrument co • www.ramehart.com • carl@ramehart.com • 973-448-0305 • fax 0315

PO Box 400 • Netcong • New Jersey • 07857 • USA



$$\sigma = F(d_s/d_e) d_e^2 g |\rho_1 - \rho_2|$$

