

# ACCURATE THERMAL SYSTEMS REFRIGERATED BATHS

## MODEL R-10, A-25 AND A-40 REFRIGERATED TEMPERATURE BATHS

### APPLICATIONS

- General lab work
- Sample heating
- Incubation
- Calibration
- Viscosity work

### FEATURES & BENEFITS

Color Touch screen on  
A25 & A40 models

Adjustable high  
temperature cutout

Low liquid level warning

Adjustable ramp rates on  
A25 & A40 models

Adjustable pump  
rate/speed on A25 & A40  
models

Designed and  
manufactured in USA



- Advanced color touch display on A25 and A40
- Internal & external adjustable pump flow on A25 and A40
- Adjustable ramp rates
- +/-0.01°C Stability
- Low fluid warning
- PC interface with downloadable software

With over 25 years of experience with Water Bath and Refrigerated Bath technology we are happy to offer a range of products that offer outstanding performance, safety, features and value that are unmatched. We offer lower cost models with basic features on up to models with advanced programming and color touch displays.

Need some help with your application or choosing a bath fluid to fit your operating range, give us a call as we truly enjoy speaking with customers and have the knowledge and skills to benefit you.

**Accurate Thermal Systems**

Unique Solutions for Thermal Applications

**PH: 609-326-3190**

# MODEL R-10, A-25 AND A-40

## FEATURES AND SPECIFICATIONS

### WHAT'S INCLUDED

- Refrigerated Bath
- Bath lid
- Outlet tube & hose barbs
- Instruction manual

### WHAT DO I NEED TO RUN THE SYSTEM

- 120 VAC mains, 50/60 Hz, 15 amps of power for all three models
- Suitable bath fluid for required operating range

### SERVICES AVAILABLE

- Technical support
- Application support
- Installation and setup
- Maintenance



The model R-10 has a large bright dual display for setting and reading temperatures. The A25 and A40 color touch display has many advanced features including a front panel user adjustable over temperature cutout and virtually all parameters that can be easily changed from the display.



### Specifications & Ordering info

	<u>R-10</u>	<u>A-25</u>	<u>A-40</u>
Temperature range	-10 to 100°C	-25 to 200°C	-40 to 200°C
Bath Volume - liters	7	7	14
Stability °C	±0.010	±0.010	±0.010
Calibrated accuracy °C	±0.25	±0.25	±0.25
Heater power, watts	1000	1000	1000
Cooling capacity (-20, 0, 20°C) watts	20, 120, 200	30, 150, 250	300, 450, 600
Pump rate, outlet connector	22 L/min, 5.2 PSI, NPT thread	30 L/min, 5.5 PSI, NPT thread	30 L/min, 5.5 PSI, NPT thread
Overall dimensions L/W/H - inches	17/9/24	17/9/24	17/14/27
Bath opening L x W – inches	5 x 5.5	4.8 x 6.3	6 x 11.5
Working depth – inches	5.8	6	7.5
Mains voltage	120	120	120
Power required (watts, 50/60 Hz)	1200	1300	1400
Catalog number	50015	50025	50040
PC comms	USB & RS232	RS232	RS232
Weight – pounds	75	75	130



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