

Lab-Line Water Baths



Analog Reciprocating Shakers



Model 3582

Product Description

- Shaking stroke length is adjustable; from .5" (1.3 cm) to 1.5" (3.8 cm) in .25" (0.64 cm) increments designed for a variety of applications.
- Shaking speed is adjustable from 15 to 250 cycles/min for gentle to vigorous agitation.
- Shaker mechanism has an independent power switch, allowing unit to be used as a constant temperature water bath.
- Stainless steel universal trays ensure uniform temperature throughout the bath.
- Optional gassing hood allows for non-ambient atmospheric applications.
- Model 3580 features a hydraulic thermostat control of temperature from slightly above ambient to 65°C (98°C with optional gable cover). User supplied thermometer monitors temperature.

Use as Shaking Water or Constant Temperature Bath!

- Adjustable temperature, stroke and speed provides versatility
- * Excellent $\pm 0.1^\circ\text{C}$ uniform water temperature

☆ 24 Month Warranty

- Model 3582 features electronic temperature control from slightly above ambient to 65°C (98°C with optional gable cover) and easy-to-read LED temperature display.
- Over-temperature safety features with independent thermostat provides additional backup by controlling heat if main temperature controller fails.
- Stainless steel tray with handles and adjustable springs that stretch across the tray holds racks and other objects in place while tray shakes.
- Secure flasks by ordering the platform insert (3582-33) using standard flask clamps sold separately. Flask clamps fit into pre-drilled holes in platform insert.
- Achieve maximum temperature with optional gable-type cover, sold separately.

Application

- Ideal for cell culture studies, bacterial studies, electrophoresis gel destaining, blood plasma thawing, microbiological studies, tissue flotations and hybridization.

PRODUCT SPECIFICATIONS

Model #	Chamber Dimensions Inches (cm)			Overall Dimensions Inches (cm)			Shipping Weight Lb. (kg)	Model #	Chamber Dimensions Inches (cm)			Overall Dimensions Inches (cm)			Shipping Weight Lb. (kg)
	W	H	D	W	H	D			W	H	D	W	H	D	
3580	11.5 (29)	8 (20)	19.5 (49)	16.6 (42)	11.25 (29)	31.4 (80)	46 (21)	3582	11.5 (29)	8 (20)	19.5 (49)	16.6 (42)	11.25 (29)	31.4 (80)	46 (21)
3580-1	11.5 (29)	8 (20)	19.5 (49)	16.6 (42)	11.25 (29)	31.4 (80)	46 (21)	3582-1	11.5 (29)	8 (20)	19.5 (49)	16.6 (42)	11.25 (29)	31.4 (80)	46 (21)

ORDERING INFORMATION

Model #	Electrical (50/60 Hz)			Capacity Liters	Operating Temp Range °C	Temp. Control At 37°C (in flask)	Temp. Uniformity At 37°C (in flask)	US List Price
	Volts	Amps	Watts					
3580	120	11.6	1400	20	amb.+5° to 65°C (98°C w/cover)	$\pm 0.5^\circ\text{C}$	$\pm 0.2^\circ\text{C}$	\$2,695.00
3580-1	240	5.8	1400	20	amb.+5° to 65°C (98°C w/cover)	$\pm 0.5^\circ\text{C}$	$\pm 0.2^\circ\text{C}$	\$2,695.00
3582	120	11.6	1400	20	amb.+5° to 65°C (98°C w/cover)	$\pm 0.1^\circ\text{C}$	$\pm 0.1^\circ\text{C}$	\$3,230.00
3582-1	240	5.8	1400	20	amb.+5° to 65°C (98°C w/cover)	$\pm 0.1^\circ\text{C}$	$\pm 0.1^\circ\text{C}$	\$3,230.00

ACCESSORIES

Model #	Description	US List Price	Model #	Vessel Size	Max. No. Held	US List Price
3582-33	Platform Insert	\$85.00	30151	25 ml flask clamp	11 per platform	\$16.00
3582-35	Gassing Hood	\$280.00	30152	50 ml flask clamp	11 per platform	\$18.00
3582-37	Cooling Coil	\$90.00	30153	125 ml flask clamp	8 per platform	\$18.00
3582-39	Stainless Steel Gable Cover	\$272.00	30154	250 ml flask clamp	5 per platform	\$21.00
<i>Clamps for use with Erlenmeyer flasks</i>			30156	500 ml flask clamp	3 per platform	\$24.00
			30157	1000 ml flask clamp	2 per platform	\$33.00