

Lindberg/ Blue M Waterbaths

Lindberg/Blue M's new and improved waterbaths have been designed to meet the most critical industrial and clinical laboratory applications. Combining heavy duty construction and contemporary design, these multi-purpose waterbaths offer durable performance with many standard features.



features

- seamless stainless steel sides
- rounded chamber corners
- digital microprocessor control
- built-in over temperature protection
- internal circulation

benefits

- durable bath construction
- easy to clean
- accurate temperature control
- protects delicate samples
- precise temperature uniformity

...on the leading edge of temperature technology



Moldatherm Box Furnace



Waterbath



1200 C Box Furnace



Mechanical Convection Oven



1200 C Tube Furnace
and Controller

Lindberg/Blue M Waterbaths

The new Lindberg/Blue M line of redesigned waterbaths are the latest addition to the industry's most comprehensive and advanced product lines of constant temperature equipment.

design and construction

The various models in this new line all incorporate features that ensure each unit will perform exceptionally for many years.

The bath itself has seamless stainless steel sides with rounded corners. This not only adds to the appearance of the new bath, but helps make cleaning easy and aids with a smooth circulation pattern in the chamber. The compact and rugged design of the bath allows a lower profile, with less benchtop space needed.

Internal circulation, along with an insulated bath chamber for minimal heat loss, provide exceptional uniformity of $\pm .1^\circ\text{C}$. The outlet drain exits the back of the chamber to make draining easy.

Using the reversible wire rack in the chamber provides $7\frac{1}{2}$ " of workable depth (most models), inverted position allows shallow processing of $5\frac{1}{2}$ ".

An optional clear polycarbonate gable cover can be used to prevent bath evaporation and still allow the sample to be viewed. While not being used, the gable cover may be attached to the side of the waterbath during operation to provide a means for condensation to flow back to the chamber, thereby reducing moisture loss and eliminating the accumulation of moisture on laboratory countertops.

Shaking models include a speed adjustable agitator for a wide variety of applications. The stroke length of the mechanism may be shortened or lengthened depending upon the specific procedure. An illuminated power switch for speed adjustment indicates when the speed is being changed. All Lindberg/Blue M waterbaths are UL and CSA applied for.

precision control

A standard microprocessor-based digital temperature control is recessed into the front panel to protect the instrument from sample spillage and moisture. The instrument simultaneously displays both actual chamber and setpoint temperature for easy reference. Protection for delicate samples is provided with standard over temperature control.

options

- test tube rack trays
- clear polycarbonate gable covers
- flask trays and holders
- concentric ring covers and ring sets
- stainless covers
- autoformers available for operating on 240 volts

specifications

model	wattage	voltage	hertz	chamber size (L x W x D*; inches)	overall size (L x W x H; inches)	uniformity	capacity (gal.)	temperature range	power cord
WB-1110A	840	120	50/60	12 x 7.5 x 7.5	18 x 14 x 12.5	$\pm .1^\circ\text{C}$	2.9	amb. to 90°C	included
WB-1120A	1440	120	50/60	18 x 12 x 7.5	29 x 14 x 12.5	$\pm .1^\circ\text{C}$	7.0	amb. to 90°C	included
WB-1130A	2490	120	50/60	20 x 18 x 9.5	30 x 20 x 14.5	$\pm .1^\circ\text{C}$	14.8	amb. to 90°C	not incl.
WB-1130C	2490	208/240	50/60	20 x 18 x 9.5	30 x 20 x 14.5	$\pm .1^\circ\text{C}$	14.8	amb. to 90°C	not incl.
WB-1140C	3090	208/240	50/60	36 x 18 x 9.5	46 x 20 x 14.5	$\pm .1^\circ\text{C}$	26.6	amb. to 90°C	not incl.
refrigerated									
RWB-3220A	1440	120	50/60	18 x 12 x 7.5	29 x 14 x 12.5	$\pm .1^\circ\text{C}$	7.0	0°C to 90°C	included
chiller	1095	120	50/60	N/A	29 x 14 x 12.5	N/A	N/A	N/A	included
shaking									
SWB-1122A	1460	120	50/60	18 x 12 x 7.5	29 x 14 x 12.5	$\pm .1^\circ\text{C}$	7.0	amb. to 90°C	included
refrigerated shaking									
RSWB-3222A	1460	120	50/60	18 x 12 x 7.5	29 x 14 x 12.5	$\pm .1^\circ\text{C}$	7.0	0°C to 90°C	included
chiller	1095	120	50/60	N/A	29 x 14 x 12.5	N/A	N/A	N/A	included

*Reversible rack converts deep bath to a $5\frac{1}{2}$ " depth shallow bath.

The waterbaths described in this bulletin are just a few of the high quality constant temperature controlled products Lindberg/Blue M has produced for laboratory and scientific applications. See your laboratory supply dealer or write to Lindberg/Blue M for more information on our full line of hot plates, box, tube and crucible furnaces; ovens; incubators; baths and environmental chambers.

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