

CONSTANT TEMPERATURE EQUIPMENT

DRY BATHS
HOT PLATE STIRRERS
INCUBATORS
SHAKING INCUBATORS
HYBRIDIZATION OVENS
WATER BATHS

AccuBlock™ Mini-Compact Dry Bath

The AccuBlock Mini combines digital control, a fast heating microtube block and a convenient AccuRack™ transfer system, all in an ultra compact footprint. With a temperature range to 100°C which can be set in increments of 0.1°C, Labnet's AccuBlock Mini is suitable for a range of uses in life science, molecular biology, environmental and industrial laboratories and a variety of applications including incubation, enzyme reactions, and immunoassays. The small form factor allows it to find a place on even the most crowded laboratory benchtop and it is easy to transport.

The packaging includes the 12 x 1.5mL block as well as the convenient AccuRack, which is designed to allow quick loading or unloading of all sample tubes simultaneously. The rack fits onto the top of the unit and its self-standing design allows it to hold samples when they are being prepped or loaded.



SPECIFICATIONS

Temperature range	Ambient +5° to 100°C
Temperature increments	0.1°C
Temperature uniformity	≤0.2°C
Temperature accuracy	≤0.2°C
Timer	0 to 19 hr 59 min or continuous
Block	Anodized Aluminum
Block capacity	12 x 1.5 mL tubes
Dimensions (W x D x H)	5.5 x 4.8 x 2.4 in/14 x 12 x 6 cm
Weight	3 lb/1.3 kg
Electrical	120V or 230V~, 50/60 Hz

CAT NO.

DESCRIPTION

D0100*	AccuBlock Mini Dry Bath with 12 x 1.5mL block
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*To order 230V units add -230V to the end of the catalog number. 230V units includes EU and UK cords.

Mini Incubator

CE
CSA Compliant

Labnet's compact mini incubator is designed for personal use, small laboratories and classrooms. The units feature a broad temperature range to meet a variety of small sample applications.

Multiple heating elements provide even heating and uniformity and the hydraulic thermostat ensures temperature stability within the chamber. A thermometer port in the top of the unit allows the user to monitor temperatures. The large window in the door gives a clear view of the contents which can include up to 48 petri dishes or 28 standard microplates. Shelves can be placed at two points within the corrosion resistant chamber. A cord port allows small mixers to be placed in the incubator.



I5110A-MLR model shown

SPECIFICATIONS	Mini Incubator
Temperature range	Ambient +5° to 70°C
Capacity	9.2 liters/0.375 cu. ft.
Controls	Analog
Exterior dimensions (W x D x H)	11.2 x 11 x 13.2 in/28.5 x 28 x 33.5 cm
Interior dimensions	9 x 7.9 x 7.9 in/21 x 20 x 20 cm
Weight	18.4 lb/8.3 kg
Electrical	120V~ or 230V~, 50/60 Hz

CAT NO.	DESCRIPTION
I5110A*	Mini Incubator, 120V
I5110A-MLR*	Mini Incubator with Mini Lab Roller and rotisseries for 1.5, 15 and 50 mL tubes (max temp 55°C)
I5110-SHELF	Additional shelf, 22 x 18 cm
W0020-110C	Non-toxic, PTFE coated thermometer for -20° to 110°C, with 1 resolution, 305 mm long, 76 immersion

*To order 230V units add -230V to the end of the catalog number. Specify cord type by adding -EU or -UK.
For more information on our Mini LabRoller, please visit pg 81

AccuBlock™ Digital Dry Baths

Labnet Digital Dry Bath Heaters are available in single, dual, and four block configurations and provide a broad temperature range up to 150°C, which makes them useful for a variety of applications in molecular biology, histology, clinical, environmental, and industrial laboratories. They have been designed to incorporate the best combination of features including block capacity, dual displays, and an external temperature probe that gives life science.

The Labnet Dry Baths are available in Single, Dual and Four Block capacity to maximize sample processing. The Dry Baths come with a molded block chamber which provides excellent temperature uniformity. The dual display allows for easy monitoring of temperature and time. Additionally, the USB connectivity enables traceability of data.



SPECIFICATIONS

Temperature range	Ambient +5° to 150°C
Timer	1 min to 99 hr 59 min or continuous
Temperature uniformity	±0.2°C
Temperature accuracy	±0.3°C
Display increments	0.1°C/1 min
Block capacity	1, 2 or 4
Chamber construction	Uniformly molded
Interface	USB
Dimensions (W x D x H)	8.3 x 12.4 x 4.7 in/21 x 29 x 12 cm (D1301 & D1302) 8.3 x 16.3 x 4.7 in/21 x 39 x 12 cm (D1304)
Weight	7 lb/3.2 kg (D1301 & D1302) 9.6 lb/4.4 kg (D1304)
Electrical	120V~ or 230V~, 50/60 Hz

CAT NO.	DESCRIPTION
D1301*	AccuBlock Dry Bath, single block, 120V
D1302*	AccuBlock Dry Bath, dual block, 120V
D1304*	AccuBlock Dry Bath, four block, 120V

See page 38 for available block formats

*To order 230V units add -230V to the end of the catalog number. 230V units includes EU and UK cords.

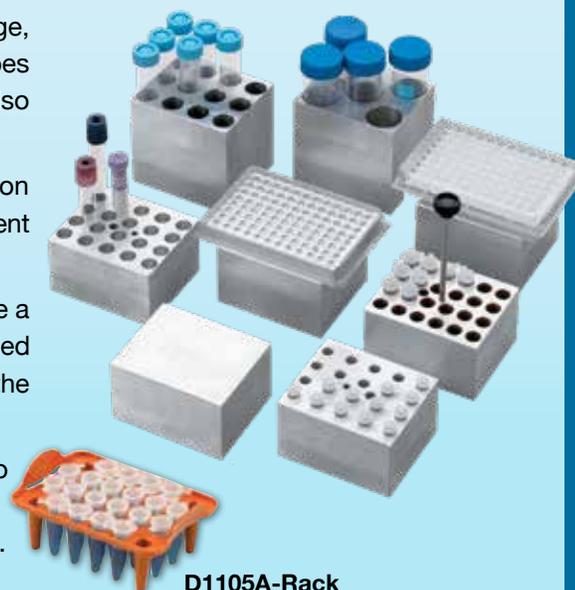
Dry Bath Blocks

Designed for use with the AccuBlock Digital Dry Baths on the previous page, these blocks are supplied in a variety of different formats to accept tubes from 0.2 mL to 50 mL as well as microplates and slides. A solid block is also available for custom machining.

The blocks are made of high grade, non-porous aluminum and precision machined for a close fit with sample containers - important for fast and efficient heat transfer. Anodizing adds corrosion resistance.

Most blocks, except those designed for use with plates and slides, include a position for a thermometer and a hole for use with the block lifter tool (supplied with the bath). The unique PopStopper accessory, sold separately, fits on the microtube blocks to keep tube lids from popping open during heating.

The AccuRack™ accessory accommodates 20 x 1.5 mL tubes and fits onto the D1105A block. The rack can be used to quickly transfer sample into and out of the block and is self standing. Insulated handles protect users fingers. The rack can be used at temperatures up to 150°C and is autoclavable.



D1105A-Rack

SPECIFICATIONS

Construction	Anodized, high grade, non-porous aluminum
Thermometer well	Available in all blocks except those used with plates and slides
Compatibility	Labnet's high grade blocks will work in any manufacturers' dry bath with an opening of 3.05 x 3.60 inches. Block D1196-PCR requires a depth of 2.125 inches or less.

CAT NO.	DESCRIPTION
D1101	Solid Block for machining (no holes)
D1102	Block, 48 x 0.2 mL PCR tubes or 6 x 0.2 mL strips
D1102A	Block, 20 x 2.0 mL
D1105	Block, 24 x 0.5 mL tubes
D1105A	Block, 24 x 1.5 mL tubes
D1105A-RACK	AccuRack accessory for 20 x 1.5 mL tubes, compatible with D1105A, pk of 3
D1106	Block, 35 x 6 mm tubes
D1110	Block, 20 x 10 mm tubes
D1112	Block, 20 x 12 mm tubes
D1113	Block, 20 x 13 mm tubes
D1115-TALL	Block, 12 x 15 mL centrifuge tubes
D1116	Block, 12 x 15 or 16 mm tubes
D1117	Block, 12 x 17 mm tubes
D1120	Block, 6 x 20 mm tubes
D1125	Block, 6 x 25 mm tubes
D1150-TALL	Block, 5 x 50 mL centrifuge tubes
D1196-PCR	Single Block, 96 well PCR plate, skirted or nonskirted (for single block unit only)
D1296	Dual Block, 96 well microtiter plate or 4 slides (for dual block unit only)
D1296-PCR	Dual Block, 96 well PCR plate, skirted or nonskirted (for dual block unit only)
D1100-PS	PopStopper for microtube blocks, D1102, D1102A, D1105, D1105A
D12384	Dual Block, 384 well PCR plate (for dual block unit only)

AccuPlate™ Digital HotPlate and Magnetic Stirrers

Labnet's AccuPlate hot plate stirrers are available in analog or digital models, making them ideal for both the Science and Education or Research markets.

The analog hot plate stirrers are designed with a 7" x 7" ceramic coated top plate that provides an even heating surface with a maximum temperature rating of 380 °C. Stirring models have a speed range between 100-1,500 rpm. To allow for accurate programming, these units have actual temperature and speed ranges printed on the control panel

The digital hot plate stirrers are equipped with a 5" x 7" fully ceramic top plate that is extremely durable, easy to clean and is highly resistant to chemical attack. In addition, the ceramic plates can reach a maximum temperature of 550°C. The white colored surface makes it easy to view color changes in applications such as titrations. Stirring models have a speed range between 60-1,150 rpm.

Every AccuPlate Hotplate and Hotplate Stirrer model incorporates a powerful heating and motor drive systems as well as fine tune controls designed to minimize stir bar decoupling. Each unit is built for consistent performance and long term reliability. Safety features for all models include a hot top indicator lamp and extended control panel that protects the electronics in case of an accidental spill. A built in support rod holder with locking knob can accept the optional Support Rod. With six models to choose from, there is an AccuPlate to meet every lab's need.



SPECIFICATIONS	AccuPlate HotPlate	AccuPlate Stirrer	AccuPlate HotPlate Stirrer
Temperature Range *	5° - 550°C	N/A	5° - 550°C
Temperature accuracy	± 2°C	N/A	± 2°C
Speed range	N/A	60 - 1,150 rpm	60 - 1,150 rpm
Top Plate Material	Ceramic	Ceramic	Ceramic
Top Plate Size	5 x 7 in/12.7 x 17.8 cm	5 x 7 in/12.7 x 17.8 cm	5 x 7 in/12.7 x 17.8 cm
Dimensions (W x D x H)	7.8 x 11 x 4.3 in/ 19.7 x 28 x 10.8 cm	7.8 x 11 x 4.3 in/ 19.7 x 28 x 10.8 cm	7.8 x 11 x 4.3 in/ 19.7 x 28 x 10.8 cm
Weight	6 lb/2.7 kg	7 lb/3.2 kg	7 lb/3.2 kg
Electrical	120 or 230V, 50/60Hz	120 or 230V, 50/60Hz	120 or 230V, 50/60Hz

*Temp range when using external temp controller is 5-200° C

CAT NO.	DESCRIPTION
D0400*	Hot Plate, 5" x 7", Digital, 120V
D0410*	Stirrer, 5" x 7", Digital, 120V
D0420*	Hot Plate/Stirrer , 5" x 7", Digital, 120V
D0461	Accessory kit, includes D0462 and D0466
D0462	External temperature probe
D0463	PTFE Stir bar
D0464	Boss head clamp, holds D0465
D0465	Holding rod for D0462
D0466	Vertical support rod

*To order 230V units add -230V to the end of the catalog number.

AccuPlate™ Analog HotPlate and Magnetic Stirrers

Labnet's analog hot plate stirrers were developed to be safe and reliable, making them ideal for the Science and Education or Research markets. The detailed control panel includes actual values to allow for accurate setting of both rpm and temperature. The 7" x 7" ceramic coated top plates are resistant to chemicals and coated in a pure white, for easy observation of sample color change. The top plate has a maximum temperature rating of 380° C and provides quick thermal conduction and uniform surface temperature. Each stirring model contains a powerful motor, which can be precisely controlled for smooth start and stop to prevent fluid spill over or decoupling of stir bar.

Safety features for all models include a hot top indicator lamp and control panel extended away from the hot surface as well as a power switch conveniently positioned on the front side of the unit. A built in support rod holder with locking knob can accept the optional Support Rod.



SPECIFICATIONS	Hot Plate	Magnetic Stirrer	Hot Plate Stirrer
Type	D0300	D0310	D0320
Max Hot Plate Temperature	Up to 380° C	-	Up to 380° C
Stirring Speed	-	100 ~ 1500/RPM	100 ~ 1500/RPM
Capacity	-	100 mL - 5L	100 mL - 5L
Control	Electronic	Electronic	Electronic
Watts	680W	15W	695W
Plate area dimensions	7 x 7 in/18 x 18 cm (all 3 models)		
Dimensions (W x D x H)	7.9 x 11.8 x 4.5 in/20 x 30 x 11.5 cm (all 3 models)		
Electrical	110V or 220V, 50/60 Hz(all 3 models)		

CAT NO.	DESCRIPTION
D0300*	Analog Hot Plate, 120
D0310*	Analog Magnetic Stirrer, 120V
D0320*	Analog Hot Plate Stirrer, 120V
D0300-SR	Support Rod (included with D0300 & D0320)

*To order 230V units add -230V to the end of the catalog number. 230V units includes both EU and UK cords

Model 311D and 611D Digital Incubators

CE
CSA Compliant

Ideal for applications requiring strict temperature control as well as general incubations, Labnet's 311D and 611D High Performance Incubators feature a broad temperature range and microprocessor control.

Incubator temperature is set with a membrane keypad with values shown digitally on the large display. The feedback systems in Labnet's exclusive SmartChek™ system ensure precise regulation of temperature.

A jacket of warm air surrounds the chamber on all sides, including the door, to provide a stable, uniform environment. For quick recovery after the door is opened and added uniformity, the turbo fan may be turned on. Opening the solid outer door turns on the interior light and reveals the full size glass inner door. Samples can be visualized without disrupting the temperature environment.

The electronics in the 311D and 611D incubators are located away from the chamber, keeping them safe from heat related stress. An independent safety thermostat protects samples in the event of a primary controller failure. Each incubator features an interior outlet for powering small equipment such as the Orbit™ shakers (see pages 72-76). Two shelves are supplied standard with the 311D and 611D digital incubators.



SPECIFICATIONS	311D	611D
Chamber volume	2.75 cu. ft.	6.0 cu. ft.
Temperature range	Ambient +5° to 95°C	Ambient +5° to 95°C
Temp uniformity/accuracy	±0.2°C @ 37°C	±0.25°C @ 37°C
Temp. display	to 0.1°C	to 0.1°C
Dimensions (W x D x H)		
Chamber	17 x 14 x 20 in 43.2 x 35.6 x 51 cm	21 x 20 x 25 in 53.3 x 51 x 63.5 cm
Exterior	27 x 20 x 29 in 68.6 x 51 x 73.7 cm	31 x 26 x 34 in 78.5 x 66 x 86.4 cm
Weight	140 lb/63.6 kg	185 lb/84 kg
Electrical	120V~, 60 Hz	120V~, 60 Hz

CAT NO.	DESCRIPTION
I-5311-D	Digital Incubator, Model 311D
I-5319	Additional shelf for 311D incubator
I-5611-D	Digital Incubator, Model 611D
I-5619	Additional shelf for 611D incubator

*Only available in 120V

211DS Digital Shaking Incubator: 4 x 1 L Capacity

A small footprint, compact, stackable design and expanded temperature range make the 211DS shaking incubator ideal for molecular biology and general use. The 211DS features an integrated orbital shaker, making it suitable for liquid cultures and other applications requiring shaking combined with strict temperature control.

Labnet's exclusive SmartChek™ system guarantees precise temperature control. Mechanical convection maintains a stable temperature environment and provides quick recovery after opening the door. A settable safety thermostat is located on the back of the unit. The insulated door has a large glass observation panel and opens nearly 180° for easy access.

One half and two full shelves are supplied with the incubator. A flat platform, flask platform (clamps sold separately) and universal spring clamp platform are available separately.



SPECIFICATIONS

Chamber volume	1.7 cu. ft./49 liters
Temperature range/display	Ambient +5° to 80°C in 0.1° increments/digital
Temp. uniformity/accuracy	±0.25°C/±0.1°C
Shaker speed	20 to 400 rpm (max 300 when stacked)
Shaker timer	0 - 99 min or continuous
Shaker orbit	19 mm
Flask capacity	4 x 1 L, 5 x 500 mL, 9 x 250 mL, 16 x 125 mL
Construction	Interior - mirrored stainless, Exterior - cold rolled steel
Chamber (W x D x H)	13.5 x 14.75 x 15 in/34.3 x 37.5 x 38.1 cm
Exterior (W x D x H)	19.75 x 23 x 22.25 in/42.5 x 55 x 58 cm
Weight	83 lb/37.7 kg
Electrical	120V or 230V, 50/60 Hz

CAT NO.	DESCRIPTION
I-5211-DS*	Shaking Incubator, Model 211DS, 120V
I-5211-SA	Stacking adapter, required when stacking incubators
I-5230	Flask clamp platform, pre-drilled (see clamps below)
I-5231	Flat platform with non-slip rubber mat (30 x 30 cm)
I-5231-D	Double flat platform with non-slip rubber mat
S2031-13	Universal spring loaded clamp platform for flasks, bottles, etc., fits 211DS
S2040-85**	Flask clamp, 125 mL (max. 16)
S2040-99**	Flask clamp, 250 mL (max. 9)
S2040-09**	Flask clamp, 500 mL (max. 5)
S2040-01**	Flask clamp, 1000 mL (max. 4)

See page 88 for racks to fit the universal platform

*To order 230V units add -230V to the end of the catalog number. 230V units includes EU and UK cords.

**Other sizes available, call for details.

311DS Digital Shaking Incubator: 4 x 2 L / 6 x 1 L Capacity

The 311DS is a high performance incubator with a built-in orbital shaker. A broad temperature range expands the use of this incubator to liquid cultures, washing blots and other shaking applications requiring precise temperature control.

Temperature within the 311DS is strictly regulated by the SmartChek™ temperature control system. All electronics are located away from the chamber to protect them from heat related stress and provide a long, maintenance-free service life.

The sturdy, integral shaker has a 19 mm orbit. A flat platform with non-slip rubber mat, as well as a variety of flask platforms are available separately. Platforms can hold as many as four 2 L and six 1 L liter flasks.

The gasketed door has a large, integral viewing area for checking samples without disturbing the chamber contents. Opening the door stops operation of the shaker.

The incubator is supplied with one shelf. Additional shelves and shaker platforms are sold separately.



I5331

SPECIFICATIONS

Chamber volume	2.5 cu. ft./71 liters
Temperature range	Ambient +5° to 80°C
Temp. uniformity/accuracy	±0.2°C @ 37°C
Temp. display	0.1°C
Shaker speed/orbit	19 mm/20 to 300 rpm
Timer	0 - 99 min or continuous
Dimensions (W x D x H)	
Chamber	17.4 x 15.6 x 16 in/44.2 x 39.6 x 40.6 cm
Exterior	22.6 x 21.4 x 25 in/57.4 x 54.4 x 63.5 cm
Weight	140 lb/63.6 kg
Electrical	120V or 230V, 50/60 Hz

CAT NO.	DESCRIPTION
I-5311-DS*	Shaking Incubator, Model 311DS, 120V
I-5322	Additional shelf
I-5331	Flat shaker platform with non-slip rubber mat (39 x 33 cm)
I-5330	Shaking platform pre-drilled for flask clamps, clamps sold separately (see page 45)
I-5330-2000	Platform with 4 x 2 L flask clamps
I-5330-1000	Platform with 6 x 1 L flask clamps
I-5330-500	Platform with 8 x 500 mL flask clamps
I-5330-250	Platform with 12 x 250 mL flask clamps
I-5330-125	Platform with 20 x 125 mL flask clamps
I-5330-50	Platform with 30 x 50 mL flask clamps
I-5330-RH15	Rack holder Fits I-5330, holds K 566 test tube rack
I-5330-RH50	Rack holder Fits I-5330, holds K568 test tube rack

*To order 230V units add -230V to the end of the catalog number. 230V units includes -EU and -UK cords.

222DS Benchtop Shaking Incubator

The 222DS Benchtop Shaking Incubator provides small footprint with large performance. The lid has a low pivot point which provides a compact lab friendly shaking incubator sure to fit on the lab bench and under your shelves. The large assortment of accessories allows users the flexibility to use for many molecular biology applications. The included software, not required for use, allows monitoring of rpm and temperature throughout runs and saving data to a PC.



SPECIFICATIONS

Speed	20 - 300 rpm
Orbit	Circular, 19 mm
Temp Range	Ambient +5°C to + 70°C
Temp Increments	0.1°C
Temp Accuracy	± 0.5°C
Temp Uniformity	± 0.5°C
Speed Increments	1 rpm
Platform Dimensions	11.8 x 11.8 in 30 x 30 cm
Operation Temp Range	4°C - 65°C
Dimensions (W x D x H)	14.6 x 20.9 x 15.7 in 37 x 53 x 40 cm
Weight	43 lb/19.5 kg
Height lid open	21.7 in/55 cm
USB temp monitor	Yes with included SmartChek™ software. Windows PC not included.
Timer	1 min – 99 hours or continuous
Open door lid cutoff switch	Yes
Electrical	120V or 230V, 50/60Hz

CAT NO.	DESCRIPTION
I-5222-DS	222DS Benchtop Shaking Incubator - 115 V
I-5222-DS-230V	222DS Benchtop Shaking Incubator - 230 V
I-5230-DS	Universal Platform 30 x 30 cm (11.8 x 11.8 in)
I-5220	Petri Dish Shelf
I-5240	Sticky Mat - 15 x 15 x 3 cm (5.9 x 5.9 in) set of two
I-5250	Microtiter hotel - 3 x microplates stacked individually
I-5260	Combi Tube Holder 6 x 15/50 mL tubes
I-2041-1000	Plastic Flask Clamp 1000mL
I-2041-500	Plastic Flask Clamp 500mL
I-2041-250	Plastic Flask Clamp 250mL
I-2041-125	Plastic Flask Clamp 125mL

AccuTherm Microtube Shaking Incubator

The AccuTherm is a temperature controlled vortexer that uses peltier technology to rapidly heat and cool precious samples. Its compact footprint incorporates an intuitive control panel with large multi-color display, which allows users to easily program and view temperature, time and speed settings.

Eight interchangeable aluminum blocks accommodate PCR plates and a variety of common tube sizes, including a multi-block that holds both 0.5mL and 1.5mL tubes. The combination of heating and cooling with mixing makes the AccuTherm ideal for many life science research applications in the fields of molecular biology, biochemistry and clinical chemistry.



SPECIFICATIONS

Temp Setting Range	0-105°
Temp Control Range	Ambient -14° to 100°
Timer range	1min - 99h 59min
Mixing Speed	300-1500 rpm
Mixing orbit	3mm
Temp Control Accuracy	+/- 0.5 °
Temp Uniformity	+/- 0.5°
Heating Time	6.5°/minute
Cooling Time	1.5°/minute
Noise level	<60 DbA
Blocks	8 available sizes
Dimensions	12.9 x 6.5 x 9.8 in 33 x 16.6 x 24 cm
Weight	18.75 lbs/8.5 Kg

CAT NO.	DESCRIPTION
I-4001-HCS	AccuTherm Microtube Shaking Incubator, 120V
I-4002-HCS	AccuTherm Microtube Shaking Incubator, 230V
I-4000-A	Block A, 40 x 1.5mL
I-4000-B	Block B, 54 x 0.5mL
I-4000-C	Block C, 96 x 0.2mL
I-4000-D	Block D, 24 x 15mm
I-4000-E	Block E, Water bath (ID: 115 x 73 x 38mm)
I-4000-G	Block G, 26 x 0.5mL and 24 x 1.5mL
I-4000-H	Block H, 40 x 2.0mL
I-4000-J	Block J, 96 Well ELISA Plate

VorTemp 56™ and VorTemp 1550™ Shaking Incubators

Designed for simultaneous heating and mixing of small samples, the VorTemp 56 is supplied with interchangeable platforms for microtubes (56 x 1.5 mL tubes, or smaller tubes with adapters) or microplates (accepts standard and deepwell plates, up to 2.0 mL). VorTemp 1550 includes platforms for 8 x 50 mL and 18 x 15 mL tubes.

Temperature and shaking speed are adjustable over a broad range, making the VorTemps useful for a variety of applications, including bacterial cultures. Mechanical convection provides a uniform and stable environment. The shaker in the VorTemp 56 may be turned off, allowing the unit to be used as a static incubator.

A microprocessor controls all parameters including temperature and timed operation. Self diagnostic software continuously monitors the unit for proper temperature and shaking speed, alerting the user to any errors. Heating and shaking are controlled by feedback loops which precisely maintain chosen parameters, independent of load or voltage fluctuations. The sturdy construction of the VorTemps provides stability during high speed shaking. The chamber is fully insulated to maintain uniform temperature and to reduce operating noise.



SPECIFICATIONS	VorTemp 56	VorTemp 1550
Temperature range	Ambient +5° to 99°C	Ambient +5° to 99°C
Temperature accuracy	±0.5°C	±0.5°C
Speed range	200 - 1,400* rpm	200 - 900 rpm
Motion/orbit	Circular/3 mm	Circular/3 mm
Timer	1 - 99 min or continuous	1 - 99 min or continuous
Capacity	56 x 1.5/2.0 mL tubes; 4 standard or 2 deep well microplates	18 x 15 mL; 8 x 50 mL tubes
Dimensions (W x D x H)	9 x 12.3 x 9 in/23 x 31 x 23 cm	10 x 12.3 x 12 in/26 x 31 x 31 cm
Weight	24.2 lb/11 kg	26.6 lb/12 kg
Electrical	120V~, 60 Hz or 230V~, 50 Hz	120V~, 60 Hz or 230V~, 50 Hz

*Maximum speed for 230V unit is 1,200 rpm

CAT NO.	DESCRIPTION
S2056A*	VorTemp 56 Shaking Incubator for microtubes and microplates, 120V
S2050A*	VorTemp 1550 Shaking Incubator for 15 and 50 mL tubes, 120V
S2056-R	Additional platform/workstation for microtubes
S2056-Q	Microplate platform
C1205	Individual adapters for 0.5/0.6 mL tubes, pk of 6
C1206	Individual adapters for 0.4 mL tubes, pk of 6
C1222	Individual adapters for 0.2 mL thermal cycling tubes, pk of 6

*To order 230V units add -230V to the end of the catalog number. 230V units includes EU and UK cords.

ProBlot™ 6 and 12 Hybridization Ovens

The ProBlot 6 and 12 Hybridization Ovens utilize the proven rotisserie method for hybridization.

The rotisserie and incubation system in the ProBlot ovens provides the perfect conditions for consistent results with low background. Mechanical convection circulates air through the chamber to create an extremely uniform environment, while heat input is controlled by a microprocessor. A see through window in the door allows for sample visualization without disrupting the temperature. The desired agitation level is obtained with the variable speed and adjustable axis rotisserie.

Interiors are corrosion resistant, mirrored stainless steel. The ovens are provided with a rotisserie that holds both 35 mm diameter bottles and 50 mL disposable tubes and a drip tray. Additional accessories can be purchased separately (see page 48).



SPECIFICATIONS	ProBlot 6/12
Bottle capacity	(6) 6 lg./12 sm. (12) 12 lg./24 sm.
Rotisserie/rocker speed	4 to 20 rpm
Temperature range	Amb. +5° to 80°C
Temperature control	Microprocessor
Temp. resolution/uniformity	0.1°C/0.5°C
Exterior dimensions (WxDxH)	19 x 17.5 x 19.5 in/48.3 x 44.5 x 49.5 cm
Chamber dimensions (WxDxH)	14.5 x 11 x 13.5 in/36.8 x 27.9 x 34.3 cm
Weight	59 lb/26.8 kg
Electrical	120V~ or 230V~, 50/60 Hz

CAT NO.	DESCRIPTION
H0600A*	ProBlot 6 Hybridization Oven, 120V
H1200A*	ProBlot 12 Hybridization Oven, 120V

Accessories for the ovens can be found on the following page.

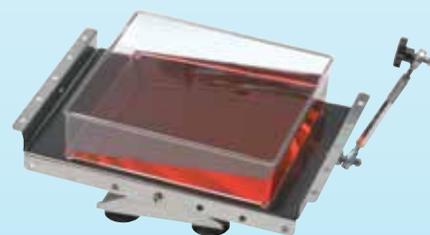
*To order 230V units add -230V to the end of the catalog number. Specify cord type by adding -EU or -UK.

ProBlot™ Hybridization Oven Accessories

ProBlot Hybridization Oven accessories include rocking platforms, various rotisseries, different sizes of bottles and hybridization mesh.

Both of the ProBlot Hybridization Ovens will accept a rocking platform when the rotisserie is removed. The platform connects to the rotisserie hub and operates from the same controls as the rotisserie. Optional rotisseries include those for 1.5 mL, 15 mL and 50 mL disposable tubes.

Hybridization mesh, used to separate stacked membranes and aid in the flow of hybridization solutions between them, prevents membrane to membrane contact in areas of overlap and assists in the handling of blots. Labnet's hybridization mesh is made of an inert material that cleans up easily.



H1200-RA

CAT NO.	DESCRIPTION
H1200-RA	Rocking platform with attachment hardware
H1212-40VA	Rotisserie for 16 x 50 mL, vertical
H1264-VA	Rotisserie for 64 x 1.5 mL or 32 x 15 mL, vertical
H1264-HA	Rotisserie for 64 x 1.5 mL or 32 x 15 mL, horizontally
H9088	Large hybridization mesh, 23 x 23 cm, pk of 5 sheets
H9089	Small hybridization mesh, 10 x 15 cm, pk of 5 sheets
H9090	Roll of hybridization mesh, 40 in. x 5 yards (100 cm x 4.6 m)

Mini Water Bath

The Mini Water Bath has a 6 liter capacity to accommodate test tube racks or up to three 250 mL flasks. A powerful 550W heater allows for quick temperature adjustment. A hydraulic thermostat ensures accurate temperature control. The seamless, stainless steel chamber is corrosion resistant and easy to clean. A stainless steel gable cover helps to retain heat in the bath and control evaporation. A clip is included for suspending a thermometer in the bath.



SPECIFICATIONS	Mini Water Bath
Temperature range	Ambient +5° to 100°C
Capacity	6 liters
Controls	Analog
Exterior dimensions (W x D x H)	14 x 11 x 13 in 36 x 28 x 32 cm
Interior dimensions	32 x 17 x 18 cm 12.6 x 6.7 x 6.9 in
Weight	7.7 kg/17 lb
Electrical	120V~or 230~, 50/60 Hz

CAT NO.	DESCRIPTION
W1106A*	Mini Water Bath with stainless steel gable cover and thermometer clip 120V
W0020-100C	Non-toxic, PTFE coated thermometer fro -20° to 110°C, with 1° resolution, 305mm long, 76mm immersion

*To order 230V units add -230V to the end of the catalog number. 230V units include EU and UK cords