

ProBlot™ 12 and 12S Hybridization Ovens

Both the *ProBlot 12* and *12S* Hybridization Ovens utilize the proven rotisserie method for hybridization. In addition, the *ProBlot 12S* has a built-in shaker, making it a truly versatile incubator.

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. An integral viewing area 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.

The integrated shaker in the *ProBlot 12S* has an orbit of 19 mm and a maximum speed of 300 rpm. Shaker operation is controlled by a 99 minute timer with a hold position. The standard shaking platform has a non-slip rubber mat for shaking plates, dishes and boxes.

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, a drip tray, two large bottles and a pack of hybridization mesh. Additional accessories can be purchased separately (see page 17).



- Precise temperature control and stability for reproducible results
- Variable speed, adjustable axis rotisseries hold 35 mm bottles and 50 mL tubes
- Durable stainless steel interior
- Integrated shaker (*ProBlot 12S* only)
- Optional accessories including rocking platforms and different sized rotisseries



SPECIFICATIONS

	<u>ProBlot 12</u>	<u>ProBlot 12S</u>
Bottle capacity	12 large/24 small	12 large/24 small
Rotisserie/rocker speed	4 to 20 rpm	4 to 20 rpm
Temperature range	Amb. +5° to 80°C	Amb. +5° to 80°C
Temperature control	Microprocessor	Microprocessor
Temp. resolution/uniformity	0.1°C/0.5°C	0.1°C/0.5°C
Shaker speed	N/A	20 to 300 rpm
Timer	N/A	0 - 99 min or hold
Exterior dimensions (WxDxH)	19 x 17.5 x 19.5 in/48.3 x 44.5 x 49.5 cm	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	14.5 x 11 x 13.5 in/36.8 x 27.9 x 34.3 cm
Weight	59 lb/26.8 kg	65 lb/29.5 kg
Electrical	230V~ or 120V~, 50/60 Hz	230V~ or 120V~, 50/60 Hz

ORDERING INFORMATION

Catalog No.	Description
H1200A-230V*	<i>ProBlot 12</i> Hybridization Oven with 2 large bottles and one pack of mesh, 230V
H1200-SA-230V*	<i>ProBlot 12S</i> Hybridization Oven with built-in shaker, 2 large bottles, 1 pk mesh, 230V

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

*When ordering 230V units, please specify cord type by adding -EU or -UK to the end of the catalog number. 120V units are available. When ordering, please specify by removing -230V from catalog number.

ProBlot™ Hybridization Oven Accessories

ProBlot Hybridization Oven accessories include rocking platforms, shaking platforms (*ProBlot 12S* only), various rotisseries, different sizes of bottles and hybridization mesh.

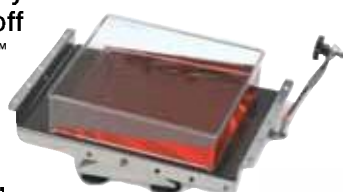
Both of the *ProBlot* Hybridization Ovens will accept a rocking platform when the rotisserie is removed. The platform connects to the rotisserie hub and operates from the same controls as the rotisserie. Optional rotisseries include those for 1.5 mL, 15 mL and 50 mL disposable tubes, as well as 70 mm diameter glass bottles. Various shaker platforms are available for the *ProBlot 12S*.

Labnet's *ProBlot* hybridization bottles are constructed of high quality borosilicate glass which meets or exceeds the requirements for Class I, Type A glass of ASTM 438. Heavy walled, they block >95% of the beta emissions given off by ³²P. The high temperature caps have a rugged Teflon™ seal for leakproof performance, even after repeated use. The seals fit tightly into the caps and will not fall out when the caps are removed from the bottles. Bottles, caps and seals are resistant to all common hybridization reagents, including PEG. A convenient rack can be used for storing bottles upright when not in use.

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.



ProBlot Bottles and Mesh



H1200-RA



H1200-250A



ORDERING INFORMATION

Catalog No.	Description
H1200-RA	Rocking platform with attachment hardware
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
H1200-250A	Flask platform with 6 x 250 mL flask clamps, for <i>ProBlot 12S</i> only
H1200-18	Universal platform for flask clamps (max. 2 x 1 L, 5 x 500 mL, 12 x 125 mL, 15 x 50 mL), for <i>ProBlot 12S</i> only
B3003	Large hybridization bottle, 300 x 35 mm
B3003-PC	Large hybridization bottle, 300 x 35 mm, plastic coated
B3003-DC	Large hybridization bottle, 300 x 35 mm, caps on both ends
B2503	Medium hybridization bottle, 250 x 35 mm
B1503	Small hybridization bottle, 150 x 35 mm
B1503-PC	Small hybridization bottle, 150 x 35 mm, plastic coated
B2753	Small hybridization bottle, two 75 mm chambers
B0753	Extra small hybridization bottle, 75 x 35 mm
B1500-CAP	Replacement cap with Teflon™ seal, fits all <i>ProBlot</i> 35 mm diameter bottles
B1500-SEAL	Replacement Teflon™ seal, pack of 10, fits all <i>ProBlot</i> 35 mm diameter bottle caps
H9088	Large hybridization mesh, 23 x 23 cm, pack of 5 sheets
H9089	Small hybridization mesh, 10 x 15 cm, pack of 5 sheets
H9090	Roll of hybridization mesh, 40 in x 5 yards (100 cm x 4.6 m)