

Meeting the needs of the biological research laboratory

Labnet's 211 Series Personal Incubators are high quality units designed for general use as well as specialized cellular and molecular biology applications. Three different models are available making the incubators useful for techniques such as hybridization, bulk washing, aeration of cultures and static low temperature incubations.

❑ Three models available

The 211 Series consists of three models: the 211D, a high performance digital incubator, the 211DS an orbital shaking incubator, and the 211DHS, a shaking incubator with a hybridization rotisserie. Each model features a stainless steel interior. The DS and DHS models incorporate a heavy duty, orbital shaking mechanism powered by a brushless maintenance-free motor.

❑ High performance

A broad temperature range expands the use of the 211 Series to a variety of molecular biology applications. At the touch of a button, temperatures between 5° above ambient and 95°C can be set and displayed digitally (maximum temperature for DS and DHS models is 80°C). Mechanical convection provides an extremely uniform and stable temperature environment as well as quick recovery after opening the door. The insulated door prevents heat loss and features a large double glass observation panel for viewing the chamber contents.

❑ Smart Chek™ temperature control system

Labnet's exclusive Smart Chek™ digital control system is your guarantee of precise temperature control and safety. Combining a digital PID controller with an independent safety thermostat, Smart Chek™ continually monitors the interior environment and heater operation. A flashing green light assures the user of proper temperature control. In the event of a primary controller failure, the independent safety thermostat takes control of the system.

❑ Full range of accessories

A full range of accessories is available to complement the 211 Series. All three models include three shelves (one is a half-size shelf, allowing tall vessels to be accommodated). Two shaking platforms (sold separately) are available for the 211DS and 211DHS; The flask platform is predrilled to accept a variety of different sized clamps while the flat platform has a non-slip rubber mat for holding dishes and plates. The rotisserie supplied with the 211DHS accepts Labnet's large and small hybridization bottles. These high quality, leakproof bottles are available with or without a plastic safety coating. Two sizes of hybridization mesh facilitate the handling of membranes and aid in the flow of solutions when multiple membranes are hybridized in the same bottle.



Incubators can be stacked using the stacking adapter

Specifications

Chamber volume	1.7cu ft.
Temp. range 211D	Ambient +5 to 95°C
Temp. range 211DS/DHS	Ambient +5 to 80°C
Temperature control	Microprocessor
Temperature uniformity	±0.5°C at 65°C
Temperature accuracy	±0.1°C
Temperature set/display	Digital/digital
Flask capacity (211DS, 211DHS)	4x1L, 5x500ml, 9x250ml, 16x125ml
Shaker speed (211DS, 211DHS)	Variable, 20 to 400rpm
Shaker orbit (211DS, 211DHS)	19mm
Rotisserie capacity (211DHS)	10 large or 20 small bottles
Rotisserie speed (211DHS)	Variable, 4 to 20rpm
Standard accessories	
211D	2 full, 1 half size shelves
211DS	2 full, 1 half size shelves
211DHS	Rotisserie, drip pan, 2 full and 1 half size shelves
Chamber (WxDxH)	13.5x14.75x15in./34.3x37.5x38.1cm
Exterior (WxDxH)	19.5x22x22in./49.5x55.9x55.9cm
Electrical*	120V, 50/60 Hz or 240V, 50/60 Hz
Recovery time**	65 seconds
* Please specify voltage when ordering	
** Measured at 56°C after door opened for 30 seconds	

Ordering Information

Cat. No.	Description
I-5211-D	Model 211D High Performance Digital Incubator, with two full and one half size shelf
I-5211-DS	Model 211DS High Performance Digital Incubator with shaker and 3 shelves. Shaking platforms sold separately.
I-5211-DHS	Model 211DHS Hybridization Incubator with 10 place rotisserie, shaker, 3 shelves and drip pan. Shaking platforms sold separately.
I-5211-SA	Stacking adapter
I-5222	Full size shelf, 33.6 x 34.9 cm, fits all three models
I-5223	Half size shelf, 33.6 x 21.6 cm, fits all three models
I-5231	Shaking platform w/non-slip rubber mat, 30 x 30cm
I-5231-D	Double platform w/non-slip rubber mat, 30 x 30cm
I-5230	Shaking platform predrilled for flask clamps, 30 x 30cm
B-3003	Large hybridization bottle, 300 x 35mm
B-1503	Small hybridization bottle, 150 x 35mm
B-0753	Extra small hybridization bottles, 75 x 35mm
H-9088	Large hybridization mesh, 23 x 23cm, pack of 5 sheets
H-9089	Small hybridization mesh, 10 x 15cm, pack of 5 sheets
S-2040-85	Flask clamp, 125ml
S-2040-99	Flask clamp, 250ml
S-2040-09	Flask clamp, 500ml
S-2040-01	Flask clamp, 1000ml

High Performance Incubators Series 211

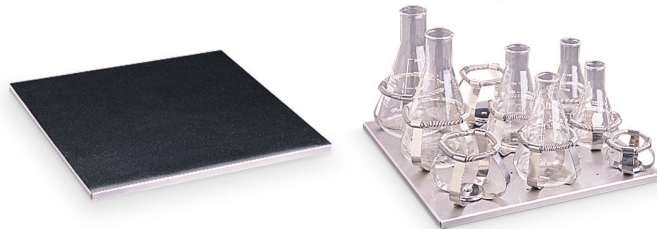
Three models to meet a variety of applications

- Exclusive Smart Chek™ digital temperature control system**
- Broad temperature range**
- Excellent accuracy and uniformity**
- Stackable to save bench space**
- Insulated door with integral viewing area**
- A wide range of accessories**



Model 211DHS

Model 211D



Model 211D

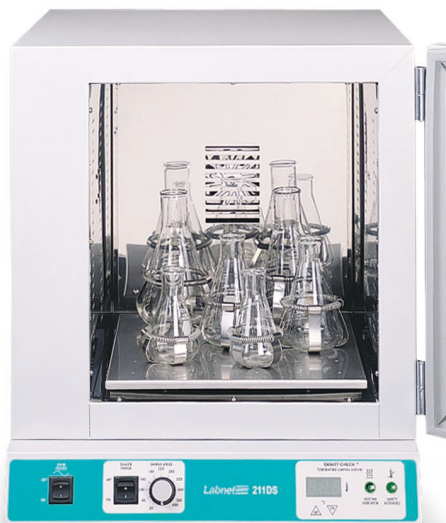
Digital Incubator

Model 211DS

Digital Incubator with orbital shaker

Model 211DHS

Digital Incubator with orbital shaker and hybridization rotisserie



Model 211DS - Interior view