

# 311DS Shaking Incubator

Designed for a wide variety of applications



- Outstanding uniformity and accuracy
- Gasket door with large viewing area
- Wide selection of accessories
- Broad temperature range
- Adjustable shelves

## Product Information

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 strict temperature control.

Temperature within the 311DS is precisely regulated by the SmartCheck<sup>®</sup> temperature control system. All electronics are located away from the chamber to protect them from heat related stress.

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 2L and six 1L 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.

Ideal for: bacteria cultures, yeast cultures, entomology studies, egg hatching, hybridization washes, mixing and resuspensions.

## Product Specifications

Chamber volume	2.5 cu. ft.
Temperature range	ambient +5° to 80°C
Temperature uniformity	±0.2°C @ 37°C
Temperature accuracy	±0.2°C @ 37°C
Timer	0 to 99 min or continuous
Chamber dimensions (WxDxH)	17.4x15.6x16in
Exterior dimensions (WxDxH)	22.6x21.4x25in
Weight	140 lb
Maximum flask capacity	4x2L, 6x1L, 8x500L, 12x250L, 20x125L

## Ordering Information

Catalog Number	Item Description	Price
I-5311-DS	Digital Incubator with Shaker, Model 311DS	<a href="#">Request Quote</a>
I-5322	Additional full size shelf	<a href="#">Request Quote</a>
I-5331	Flat shaker platform with non-slip rubber mat	<a href="#">Request Quote</a>
I-5330	Shaker platform pre-drilled for flask clamps (clamps sold separately)	<a href="#">Request Quote</a>
I-5330-2000	Platform with 4x2000ml flask clamps	<a href="#">Request Quote</a>
I-5330-1000	Platform with 6x1000ml flask clamps	<a href="#">Request Quote</a>
I-5330-500	Platform with 8x500ml flask clamps	<a href="#">Request Quote</a>
I-5330-250	Platform with 12x250ml flask clamps	<a href="#">Request Quote</a>
I-5330-125	Platform with 20x125ml flask clamps	<a href="#">Request Quote</a>
I-5330-50	Platform with 30x50ml flask clamps	<a href="#">Request Quote</a>
I-5330-RH50	Rack holder, fits I-5330, holds 1 x K586 for 50ml tubes	<a href="#">Request Quote</a>
I-5330-RH15	Rack holder, fits I-5330, holds 1 x K566 for 15ml tubes	<a href="#">Request Quote</a>