

311DS Digital Shaking Incubator: 4 x 2L / 5 x 1L 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.

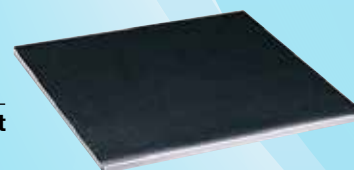
The sturdy, integral shaker has a 19 mm orbit. A flat platform with non-slip rubber mat, as well as a variety of flask platforms are available separately. Platforms can hold as many as four 2 L and six 1 L liter flasks.

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.



CE
CSA Compliant



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.