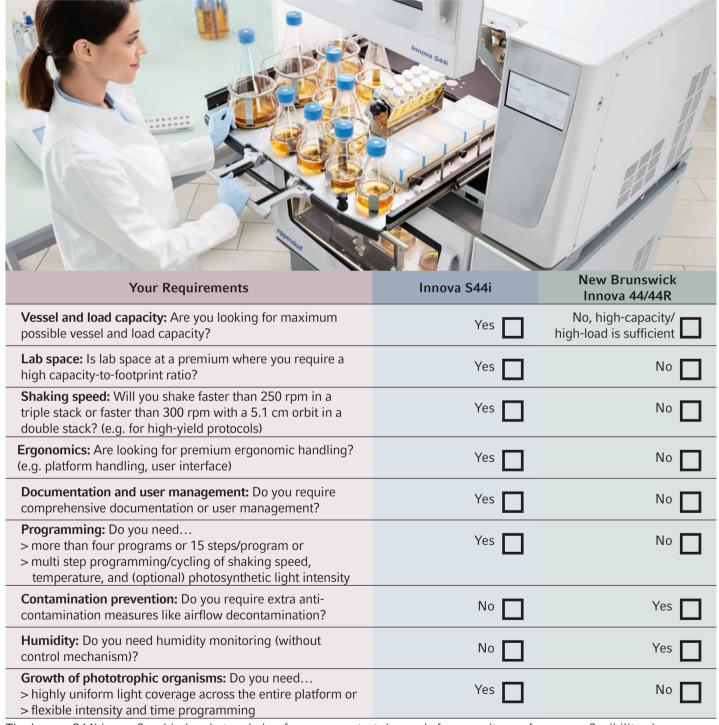


Stackable Incubator Shakers for High Capacity: Innova® S44i vs. New Brunswick™ Innova® 44/44R



The Innova S44i is our flagship incubator shaker for your greatest demands for capacity, performance, flexibility, documentation, programming, and ergonomics. The New Brunswick Innova 44/44R is our more economical, workhorse incubator shaker for basic applications that demand high capacity in a small footprint.

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	Innova® S44i	New Brunswick™ Innova® 44/44R
Vessel capacity (universal/dedicated platform)	1111070 3441	New Branswick Innova 4444K
125 mL Erlenmeyer	81/86	39/60
250 mL Erlenmeyer	49/53	30/40
500 ml Erlenmeyer	36/39	24/24
1 L Erlenmeyer	20/23	14/15
2 L Erlenmeyer	13/15	8/12
2.5 L Ultra Yield™	13/15	8/-
Maximum flask size	5 L	
Placement/orientation	> Floor > Stackable (x3)	
Temperature range	> Incubated: 10 °C above ambient to 80 °C > Refrigerated: 20 °C below ambient (min. 4 °C) to 80 °C	
Temperature uniformity	±0.25 °C at 37 °C and 250 rpm	±0.25 °C at 37 °C
Speed range	> 2.5 cm orbit: 20 – 400 rpm	> 2.5 cm orbit: 25 – 400 rpm
	> 5.1 cm orbit: 20 – 300 rpm	> 5.1 cm orbit or 2 stacked units: 25 – 300 rpm > 3 stacked units: 25 – 250 rpm
Orbit options	2.5 cm (1.0 in) or 5.1 (2.0 in)	
Platform size	76 × 62 cm (30 × 24 in)	76 × 46 cm (30 × 18 in)
Platform type	Slide-out platform for one-handed operation	Basic slide-out platform
Drive mechanism	Eppendorf X-Drive with semi-automated counterbalance setting	Triple-eccentric counterbalanced drive
Motor type	Solid state, DC brushless motor	
Dimensions (W x D x H) excluding base	118.2 × 86.9 × 63.0 cm (46.5 × 34.2 × 24.8 in)	134.9 × 84.3 × 66.0 cm (53.1 × 33.2 × 26 in)
External height (with lid/door open)	114.1 cm (44.9 in) excluding base	119.0 cm (46.9 in) excluding base
Space-saving glide-up doors	yes	yes
Weight, single unit, incubated w/o options	178 kg (392 lb)	238 kg (525 lb)
User interface	VisioNize® touch interface	Basic control knob and LCD screen
Audible and visual alarms	yes	
Available program modes	 Constant speed and temperature Timed shaking mode up to 95:59 hours Multi step programming/cycling – parameters include shaking speed, temperature, and (optional) photosynthetic light intensity 	Constant speed and temperatureProgrammable multi-stepsRS-232 communication port
Storable programs/steps per program	unlimited/unlimited	4/15
Timer	0.01 – 95.59 h, continuous	0.01 – 99.59 h, continuous
Photosynthetic lights	LED	Fluorescent bulbs
Additional contamination prevention option	-	UV germicidal lights

Your local distributor: www.eppendorf.com/contact Eppendorf AG \cdot Barkhausenweg 1 \cdot 22339 Hamburg eppendorf@eppendorf.com \cdot www.eppendorf.com

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Compare additional vessel formats and shakers in *The Shaker Source* brochure

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