Innova® S44i

Tight temperature, speed and balance control: Speed increment control of ± 0.1 rpm and accuracy of ± 0.5 rpm, temperature accuracy ± 0.1 °C (at 37 °C), automatic imbalance detection and semi-automatic counterweight adjustment to optimize run

Stackable up to three units: Making space for increased capacity



True control with touch interface: All setpoints and current values are visible at a glance; restrict access to change settings with the user management

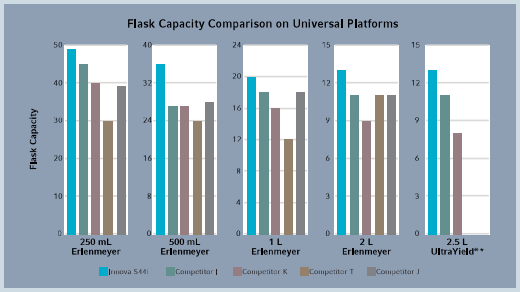
Programming flexibility: Multistep or cyclic programming of temperature or speed rampings; unlimited program storage; programmable LED intensity (optional)

Compatible with complementary systems: For example, microplate-screening systems like the Duetz-system or in-flask monitoring systems like CGQ (Aquila Biolabs) or SFR Shake Flask Reader (PreSens)

Easy documentation and tracking: Data and event log (tracking of alarms, temperature, rpm, door openings etc.) accessible via USB/user interface or VisioNize Lab Suite

Shake more, shake faster, shake easier

Are you looking for a stackable incubator shaker for particularly high protein expression or plasmid yields in bacteria or yeast to quickly reach your ambitious targets? The latest and most advanced incubator shaker from Eppendorf, the Innova S44i, can fit up to twice as many flasks as other shakers in the market and is ready to reliably support current high-yield expression protocols at high speeds, 24/7.





Shake more: The platform, drive, and chamber of the Innova S44i are optimized for high vessel capacity and high liquid load. For example, you can fit up to 13/15x 2.5L Thomson Ultra Yield® flasks or 36/39x 500 mL Erlenmeyer flasks on a universal/dedicated platform.



Everything at a glance: All setpoints and current values are visible, performance data can be downloaded easily via a front USB-port.

Ordering information

Description	Order no.
Innova® S44i, non-refrigerated, stackable up to 3-fold, orbit 2.5 cm (1 in)	see online*
Innova® S44i, refrigerated, stackable up to 3-fold, orbit 2.5 cm (1 in)	see online*
Innova® S44i, refrigerated, stackable up to 3-fold, orbit 2.5 cm (1 in), photosynthetic LED light bank	see online*
Innova® S44i, non-refrigerated, stackable up to 3-fold, orbit 5.1 cm (2 in)	see online*
Innova® S44i, refrigerated, stackable up to 3-fold, orbit 5.1 cm (2 in)	see online*
Innova® S44i, refrigerated, stackable up to 3-fold, orbit 5.1 cm (2 in), photosynthetic LED light bank	see online*
Positioning base, 10.16 cm (4 in), Innova® S44i	S44I041001
Positioning base, 30.48 cm (12 in), Innova® S44i	S44I041002
Stacking kit, for double stack of Innova® S44i	S44I041005
Stacking kit, for Innova® S44i to Innova® 44/44R	S44I041006
Stacking kit, for triple stack Innova® S44i	S44I041003
Static incubation shelf, Innova® S44i	S44I042001
Darkening window shade, removable, Innova® S44i	S44I042002
Universal platform for Innova® S44i, 76 × 62 cm (30 × 24 in), compatible with sticky pads: 9 necessary to cover platform (sold separately, order no: M1250-9700, cutting required), anodized aluminum	S44I040001
125 mL Erlenmeyer flask dedicated platform, 86 clamps	S44I040002
250 mL Erlenmeyer flask dedicated platform, 53 clamps	S44I040003
500 mL Erlenmeyer flask dedicated platform, 39 clamps	S44I040004
2 L Lauber Thomson flask dedicated platform, 15 clamps, aluminum, for 2 L narrow neck Erlenmeyer, Thomson, or Corning flasks (DIN-ISO 1773) bottom diameter ~166 mm	S44I040010
1 L Erlenmeyer flask dedicated platform, 23 clamps	S44I040005
2 L Erlenmeyer flask dedicated platform, 15 clamps, aluminum, for 2 L wide neck Erlenmeyer flasks (DIN-ISO 24450), bottom diameter ~153 mm	S44I040006
VisioNize® Lab Suite, remote parameter and status monitoring, alarm notifications via email or SMS, response-based alarm escalation + more. **Check availability in your country** – sign up and connect 3 devices for free.	Sign up online

*To find the correct order number for your country, please check www.eppendorf.com/shakers or contact your local sales representative.

Looking for *Service Agreements* including annual full preventive maintenance or IQ/OQ GxP qualification services? See page 7



Built to perform and last – the patented Eppendorf X-Drive: With it´s five eccentric mounting points for the shaker platform, the drive is precisely engineered to ensure long-lasting, repeatable performance with high loads over years. The four shafts in the corners and Balance Master Technology support precise vibration-free shaking on every point of the platform, including the periphery.



Don´t compromise: Stack up to three devices without reducing orbit specific maximum shaking speed



Easy door and platform handling: The space-saving door provides easy service and access to samples. The slide-out platform can be operated with one hand.



Easily update your lab: Just stack your new Innova S44i on top of your existing Innova 44/44R incubator shaker. Expand your shaking capacity and application potential without expanding the footprint.