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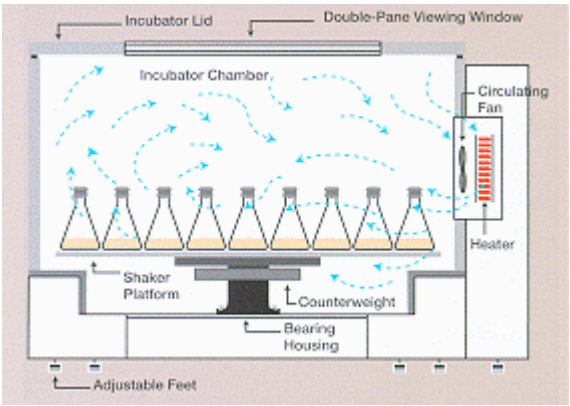
Find the *Eppendorf / New Brunswick Scientific C25* at our website: *Click HERE*

Model C25 Incubated Floor Model Shakers



The large-capacity Classic Incubator shaker is available in two models- the standard King size Model C25 that can accommodate flasks from 50 mL to 6 liters, and the Model C25KC that is equipped with CFC-free refrigeration for above-and below-ambient applications. These floor model incubator shakers are widely used for the growth of biological cultures under varied conditions of temperature, and are built for a lifetime of continuous performance. A precision ball bearing drive mechanism is ruggedly built and accurately asembled to impart smooth rotary motion to every flask on the shaker platform.

Reproducible agitation is attained with a continuous-duty drive mechanism powered by a brushless industrial ball-bearing motor that rotates the shaker platform precisely in a one-inch (2.54 cm) circular orbit. To further minimize friction and stress, the console rests on a total of ten adjustable feet that absorb residual vibration, help stabilize the workload and prevent creeping. Shaker speed and temperature are precisely regulated by a microprocessor controller that maintains setpoints within very rigid tolerances. Touch the keypad to select and display temperatures from a few degrees above ambient to 60° (Model C25), and 17° below ambient (minimum +4°) to 60°, (Model C25KC). Carefully counterbalanced, the shaker drive imparts smooth orbital shaking action during prolonged investigations, ensuring reproducible growth conditions.



Rigid Temperature Control

Aided by a high velocity air circulation system, temperature is accurately maintained within ° 0.25°. Quick response and rigid temperature regulation is achieved through a microprocessor controller coupled with pulse-width modulation of the he ater. Air is dispersed uniformly throughout the chamber, providing rigid temperature control. This design ensures that all samples are exposed to the desired temperature regardless of sample location.

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Model C25, closed view.

ADVANCED FEATURES

- Microprocessor controller ensures precise speed and temperature accuracy, reproducibility and reliability
- Temperature accuracy controlled within ± 0.25°
- Temperature range, model C25KC from 17° below ambient to 60°
- Agitation rate accurately maintained from 40 to 400 rpm
- Speed constant with normal line voltage fluctuations, unbalanced loading or changes in workload
- Drive shuts off automatically when lid is opened
- Feedback control of shaking speed for precise control of agitation
- Classic shakers accommodate virtually all interchangeable platforms used with comparable NBS shakers

For more information Write Us or click here for On-Line Ordering.

Return to the Shaker Menu

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