

## VorTemp™ 56 and VorTemp 1550 Shaking Incubators

Designed for simultaneous heating and mixing of small samples, the *VorTemp 56* is supplied with interchangeable platforms for microtubes (56 x 1.5 mL tubes, or smaller tubes with adapters) or microplates (accepts standard and deepwell plates, up to 2.0 mL). *VorTemp 1550* includes platforms for 8 x 50 mL and 18 x 15 mL tubes.

Temperature and shaking speed are adjustable over a broad range, making the *VorTemps* useful for a variety of applications, including bacterial cultures. Mechanical convection provides a uniform and stable environment. The shaker in the *VorTemp 56* may be turned off, allowing the unit to be used as a static incubator.

A microprocessor controls all parameters including temperature and timed operation. Self-diagnostic software continuously monitors the unit for proper temperature and shaking speed, alerting the user to any errors. Heating and shaking are controlled by feedback loops which precisely maintain chosen parameters, independent of load or voltage fluctuations. The sturdy construction of the *VorTemps* provides stability during high speed shaking. The chamber is fully insulated to maintain uniform temperature and to reduce operating noise.



- Shake and incubate samples simultaneously
- Interchangeable platforms
- Broad temperature and speed range
- Intelligent control with digital LED display

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### SPECIFICATIONS

	<u>VorTemp 56</u>	<u>VorTemp 1550</u>
Temperature range	Ambient +5° to 99°C	Ambient +5° to 99°C
Temperature accuracy	±0.5°C	±0.5°C
Speed range	200 - 1,200* rpm	200 - 900 rpm
Motion/orbit	Circular/3 mm	Circular/3 mm
Timer	1- 99 min or continuous	1 - 99 min or continuous
Capacity	56 x 1.5/2.0 mL tubes; 4 standard or 2 deep well microplates	18 x 15 mL; 8 x 50 mL tubes
Dimensions (W x D x H)	9 x 12.3 x 9 in/23 x 31 x 23 cm	10 x 12.3 x 12 in/26 x 31 x 31 cm
Weight	24.2 lb/11 kg	26.6 lb/12 kg
Electrical	230V~, 50 Hz or 120V~, 60 Hz	230V~, 50 Hz or 120V~, 60 Hz

\*Maximum speed for 120V unit is 1,400 rpm

### ORDERING INFORMATION

Catalog No.	Description
S2056A-230V*	<i>VorTemp 56</i> Shaking incubator for microtubes and microplates, 230V
S2050A-230V*	<i>VorTemp 1550</i> Shaking incubator for microtubes and microplates, 230V
S2056-R	Additional platform/workstation for microtubes
C1205	Individual adapters for 0.5/0.6 mL tubes, pk of 6
C1206	Individual adapters for 0.4 mL tubes, pk of 6
C1222	Individual adapters for 0.2 mL tubes, pk of 6

\*230V product includes both -EU and -UK power cords. For 120V units, remove -230V from end of catalog number.