Thermo Electron Micro GP 5521 Ventilated Microcentrifuge



\$1350.00

In Stock Qty Available: 2 New From Surplus Stock

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MICROCENTRIFUGES ___

Powerful performance and a compact design make our variable-speed MicroCentrifuges ideal for a variety of applications in medical, industrial, and scientific laboratories. Ventilated Models 5520 and 5521 and refrigerated Models 5522 and 5523 are available to meet your specific requirements.

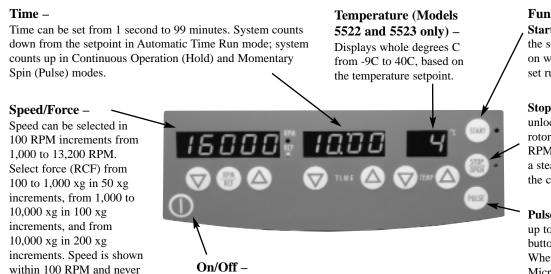


Quiet running Model 5522 (refrigerated) and Model 5520 (ventilated) MicroCentrifuges

- Units can achieve a centrifugal force of up to 16,250 xg, a speed range of 1,000 to 13,200 RPM, and a temperature range (refrigerated models only) from -9C to 40C (15.8F to 104F).
- Full speed is reached within 15 seconds, even when fully loaded; rotor brakes to a stop in approximately 15 seconds.
- Maintenance-free, brushless drive motor is permanently lubricated.
- Suction feet grip the work surface to prevent "walking."
- Cover interlock safety feature ensures that the MicroCentrifuge cover is closed before a run can begin and keeps the cover closed until the rotor is at a safe, low speed.

EASY-TO-USE CONTROL PANEL

Three modes of operation include: Automatic Time Run, Momentary Spin (Pulse), and Continuous Operation (Hold). Repeat runs using the previous time and speed settings are achieved at the touch of a button.



Provides power to the MicroCentrifuge.

Function Keys -

Start: Starts a run based on the set parameters. Light stays on when the rotor reaches the set run speed.

Stop/Open: Stops the run and unlocks the cover when the rotor has slowed below 100 RPM. On refrigerated models, a steady red light indicates that the cover can be opened.

Pulse: MicroCentrifuge runs up to the set speed when this button is pressed and held. When released, the MicroCentrifuge stops.

Thermo Forma

A Thermo Electron business

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requires calibration.

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SPECIFICATIONS.

Maximum Speed	Refrigeration*
Maximum No. of Tubes 48 x 0.5ml	1/4 HP hermetic compressor
Maximum Sample Volume 48ml (24ml x 1.5/2.0ml)	Electrical
Operator Controls	Ventilated
Rotation	5521: 220-240V, 50/60 Hz, 2.0 FLA
Spin Duration 0:01 through 0:59 by 1 second	Refrigerated
1:00 through 4:45 by 15 seconds	5523: 220-240V, 50 Hz, 4.0 FLA
5:00 through 99 by 1 minute	Cord Set 6 ft. (1.8m)
Momentary Spin (Pulse) and	Certification
Continuous Operation (Hold)	5521, 5523: CE Marked
modes	Dimensions
Accel. and Decel. Rate Fast (15 seconds)	Height (cover open) 19.8" (50.3cm)
Repeatability	Height (cover closed) 9.8" (24.9cm)
Rotation Within 10 RPM	Width
Spin Timing0.1 second	Depth (ventilated) 13.3" (33.8cm)
Temperature* ± 1 C in range 4C to 20C (39.2F	Depth (refrigerated) 23.2" (58.9cm)
to 68F)	Clearance Add 3.0" (7.6cm) to all sides
Construction (interior) Stainless steel cabinet with inter-	Weight
locking mechanically latched lid	Net
Display	5521: 44 lbs. (20.0 kg)
Temperature*, warning and error	5522: 71 lbs. (32.2 kg)
messages	5523: 79 lbs. (35.8 kg)
Stop, Start (indicated by lights)	Shipping
Modes: Actual (bright light	5521: 54 lbs. (24.5 kg)
display), Set (dim light display)	5522: 83 lbs. (37.6 kg)
	5523: 91 lbs. (41.3 kg)

Continuing research and improvements may result in specification changes at any time. *Applies to refrigerated units only



POLYPROPYLENE MICROTUBE ROTORS _



Specialized microplate rotors and cover

These lightweight, dynamically balanced Microtube Rotors are virtually impervious to chemical attack and may be autoclaved repeatedly without damage. The 45 degree sealed rotor (No. 5800891) provides aerosol containment. The other 45 degree rotors—unsealed No. 5800851, No. 5800852, and No. 5800853—include a see-thru plastic lid for quiet operation. The adapters, which are ordered separately, are sold with 12 adapters per pack.

	TUBE	MAXIMUM	ROTOR		QUANTITY x ADAPTER
ROTOR CAPACITY	DESCRIPTION	RPM/RCF*	NUMBER	RADIUS	(FOR MAX. CAPACITY)
24x1.5/2.0ml	Microtubes	13,200/16,250	Can use	8.35cm	Not required
24x0.6ml	Becton Dickinson Microtainers®	13,200/16,450	5800891	8.45cm	2 x 5805763
24x0.5ml	Microtubes (PCR)	13,200/14,500	(aerosol	7.45cm	2 x 5805763
24x0.4ml	Microtubes	13,200/16,250	contained) or	8.35cm	2 x 5805764
24x0.25ml	Microtubes	13,200/14,100	5800851	7.25cm	2 x 5805764
24 x0.06ml	Becton Dickinson Microtainers	13,200/16,450	5800852	8.6cm	Not required
40x0.4ml	Microtubes	13,200/16,350	5800853	8.4cm	Not required
40x0.25ml	Microtubes	13,200/14,600	5800853	7.5cm	Not required
40x0.8ml	6x50mm Glass	13,200/16,500	5800853	8.5cm	Not required
48x0.5ml	Microtubes (PCR)	13,200/15,575/14,600**	5800852	8.0/7.5cm**	Not required

Continuing research and improvements may result in specification changes at any time.

^{*}RCF displayed on the control panel is based on the radius of rotation for No. 5800851 and 5800891 rotors for 1.5/2.0ml tubes.

^{**}Outer row/inner row; each row holds 24 tubes.

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