

# Centra<sup>®</sup> — B Plus

Rapid, simple cell washing and low speed centrifugation...

...for blood typing, cross matching, genotyping, Coombs testing, RH titers and research applications as well as centrifugation of standard blood and urine samples.



## Features

- Cover interlock meets regulatory standards.
- Unique cover and cabinet design assures operator safety and controls aerosols.
- Fifteen-minute, electronic timer enables exact run duplication.
- Choice of two rotors eliminates the need to buy another centrifuge.
- Viewport for easy speed verification.

## The Centra-B Plus gives you what other cell washers don't

### Versatility and Cost Savings.

The availability of two rotors — one for cell washing and another specifically designed for blood tubes — makes the Centra-B Plus a versatile, multipurpose machine. There is no need to buy another centrifuge to spin your evacuated blood tubes. What's more, because of its unique design, our *one* blood tube rotor accommodates a wide variety of blood collection tubes that it takes other cell washers *two* rotors to fit. See the reverse for details.

### Unparalleled Safety.

The Centra-B Plus features a fail-safe cover interlock which prevents opening of the cover while the rotor is spinning. The unit's unique cover with its beveled rim and rubber gasket and the rugged, non-corrosive cabinet significantly decrease the risk of aerosols. Sealed Aeroshields™ fit our blood tube rotor and provide complete aerosol containment.

### Convenient Features:

- The Centra-B Plus features a contemporary, glove-friendly membrane control panel with a digital read out for time.
- The accurate, fifteen-minute electronic timer offers exact repeatability of runs—simply touch a single button—as well as an indefinite hold mode.
- The Centra-B Plus features two deceleration options. The brake brings your spin to a quick, complete stop while coast takes your delicate samples to a gentle finish.
- A brushless induction motor assures you of years of reliable, maintenance-free operation and a viewport allows for easy speed verification.
- A disposable liner is included to fit the centrifuge securely and protect the guard bowl from sample spillage. The liners make routine cleaning and disinfecting an even simpler task.



The key to the Centra-B Plus' double utility is the choice of two rotors. The lightweight cell washing rotor, (shown on front) which comes with the Centra-B Plus, is specially designed to prevent tube breakage and preserve the quality of cell buttons. The rotor accepts twelve 10-12 x 75 mm tubes and is transparent so that cell pellets may be easily inspected while tubes are still in the rotor. A convenient handle allows you to easily remove the rotor from the centrifuge and transport the samples. A spring in the rotor keeps the tubes firmly in place during the decanting procedure and allows you to invert the rotor, place it on an absorbent pad and wick off droplets from all tubes simultaneously.

The blood tube rotor (above) transforms your cell washer into a multipurpose centrifuge. This uniquely designed rotor comes with five interchangeable disks to accommodate a large variety of different blood collection tubes. (See table below) In addition, it will accommodate four sealed Thermo IEC Aeroshields™ (also shown above) so that you can spin your samples with complete aerosol containment. Aeroshields are autoclavable and may be decontaminated with bleach. See ordering information for details.

#### Tubes Accommodated in the Blood Tube Rotor:

isk Cat No.	Capacity (mL)	Dimensions (mm)	No. Tubes
2079	7-10 mL	13-16 x 100 mm	6
2080	5-7 mL	13-16 x 75 mm	12
2081	3-5 mL	10-12 x 100 mm	6
2082	3-5 mL	10-12 x 75 mm	12
<i>1 sealed Aeroshields:</i>			
2083	3-10 mL	10-12 x 75-100 mm	4
		13-16 x 75-100 mm	4

## Specifications

	Cell Washing Rotor		Blood Tube Rotor	
	60 Hz	50 Hz	60 Hz	50 Hz
<b>Speed:</b>	3350 rpm	2800 rpm	3450 rpm	2850 rpm
<b>Force:</b>	1000 x g	700 x g	1200 x g	811 x g
<b>Capacity:</b>	twelve 10-12 x 75mm tubes		See table	
<b>Timer:</b>	Range — to 15 Minutes			
<b>Control:</b>	Increments — 5 sec. to 1 min. in 5 sec. increments 1 to 5 min. in 15 sec. increments 5 to 15 min. in 30 sec. increments Hold counts up to 99min, 59 sec.			
<b>Display:</b>	Digital, 4 character LCD			
<b>Brake:</b>	Brake or coast mode			

## Dimensions

<b>Height:</b>	25.8 cm (10.1 in.)
<b>Width:</b>	25.8 cm (10.1 in.)
<b>Depth:</b>	31.8 cm (12.5 in.)
<b>Height (open):</b>	55.9 cm (22.0 in.)
<b>Shipping case:</b>	15.3 x 15.3 x 15.0 in.
<b>Net Weight:</b>	6.9 kg (15.5 lbs)
<b>Shipping Weight:</b>	9.3 kg (20.5 lbs)

## Ordering Information

<b>3131</b>	Centra-B Plus Centrifuge with 12-place cell washing rotor — 120V, 60 Hz
<b>3132</b>	Centra-B Plus Centrifuge with 12-place cell washing rotor — 240V, 50/60 Hz
<b>208</b>	Blood tube rotor with 5 tube disks
<b>2087</b>	Aeroshield 10 mL sealed shield with cap and o-ring (sold in pairs)
<b>209</b>	Replacement 12-place cell washing rotor
<b>44079</b>	Disposable liner (package of 2)

### If you need an automatic cell washing system, look no further than the Centra-W!

The Centra-W is the clear choice for automation of washing steps for antiglobulin testing. It features a membrane touch control panel with easy to read LED displays and no protruding parts to puncture safety gloves or obstruct cleaning. Logical international symbols on the control panel make operation of the Centra-W easy and intuitive. The lightweight, autoclavable rotor is easy to remove and clean, and the clear tube holders allow the user to inspect samples and take note of any breakage.

