



OVERVIEW

The Model 642B is our most affordable horizontal centrifuge, but still includes all of the benefits of Drucker's horizontal sample processing. Using our patented horizontal rotor technology, advanced engineering materials, and an advanced cooling system, the 642B ensures that high quality sample separations are achieved & maintained throughout sample transport and analysis.

FEATURES

- Mechanical Timer: 1 min. to 30 min allows for a range of applications
- Horizontal Rotor: High quality separations for up to six (6) tubes
- Tube Sizes: 0.5mL to 10mL; up to 17mm x 100mm
- Brushless AC Motor: Years of operation with no routine maintenance
- Quiet Operation: A double encased motor and the "stability mount" design provides excellent imbalance stability
- Cool Operation: Unique design of the convection based cooling system protects the samples even under the heaviest workloads
- 2 year warrant: Peace of mind that parts, labor, and support are fully covered

SAFETY

- Safety Lid Switch: Centrifuge will not operate with the lid open
- Positive Lid Latching: Firm mechanical latching of the lid prevents the escape of debris
- Clear Shatter Proof Lid: Allows for safe observation and optical calibrations
- Regulatory Approvals: MET marked and certified to UL standard 61010A-1 & 61010A-2-20 and CAN /CSA C22.2 No. 1010.1 & C22.2 No. 1010.2.20
- Reinforced Side Walls: Glass fiber reinforced nylon & highimpact polycarbonate provide dual layers of safety protection

APPLICATIONS

- Blood Separations: Chemistry, Coagulation, Serum Separators, and More
- Urine Separations: Urinalysis
- General Purpose Use: Other Clinical or Analytic Lab Applications

642B CENTRIFUGE



1...... Horizontal Rotor (Standard) **2**...... Knob

3...... Clear Lid for Easy Viewing

4...... 1-30 Minute Mechanical Timer

642B SPECIFICATIONS

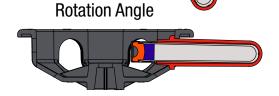
Electrical

Voltage 115 (± 10%) Volts Frequency...... 60 Hz Max. Power Requirements 165 Watts

General Overall Dimensions....... Height.......... 9.0 in. (23 cm) Width 11 in. (28 cm) Depth..... 12.5 in. (32 cm) Max. Acceleration Time 10 seconds Max. Deceleration Time 80 seconds Timer...... Mechanical, 1 to 30 minutes (+/ 10%) Noise at 3 ft...... 65 db 3,380 (± 100) RPM with 75 mm green tube holders

1,270 (\pm 90) xg with 75 mm green tube holders

2-Stage Horizontal Rotor **Loading Angle**



642B CENTRIFUGE ROTOR & ACCESSORIES



|--|--|

6 Place Horizontal Rotor p/n 7786061

Optional Accessories

1" Cushion Spacer

Available as an accessory

1525

For use with glass vials or tubes

Tube Holder Cap

Available as an accessory

7713011

For use when additional protection is desired

Included with	Included with each centrifuge				
		QTY Included	Part Number		Comments
-	100 mm Tube Holder	6	771	7713031	For use with 17 x 100 mm tubes
	75 mm Tube Holder	6	771	7713033	For use with 17 x 75 mm tubes
	13 x 100 mm Insert	2	771	7713066	For use with 13 x 100 mm tubes
	13 x 75 mm Insert	2	771	7713064	For use with 13 x 75 mm tubes
	1.5 to 2 mL Tube Adapter	2	771	7713065	For use with tubes between 1.5 mL and 2 mL
	0.5 to 1 mL Tube Adapter	2	771	7713068	For use with tubes up to 1 mL

