

HORIZON

642VFD PLUS



HORIZONTAL CLINICAL CENTRIFUGE
6 TUBES, TWO-SPEED
PROGRAMMABLE, UL/CE APPROVED

OVERVIEW

The model 642VFD-PLUS is the global version of the popular clinical centrifuge 642E. The built-in universal power supply and UL/CE safety approvals allow for global use. The programmable single-speed centrifuge is simple yet flexible enough for any application. Its 500 xg - 2,000 xg Kova Urine Tubes®, BD Vacutainers®, Greiner Vacuettes®, Starstedt S-Monovettes®, and more.

APPLICATIONS

Designed specifically for blood separation, the 642VFD-PLUS utilizes patented rotor technology to reduce blood processing time by 33% while minimizing the use of valuable counter space in blood collection sites for reference and hospital laboratories.

FEATURES

- Electronic Timer:** Preset to 10 minutes, selectable from 1 to 30 minutes
- Capacity:** Six (6) tubes up to 17 mm x 100 mm (10 mL)
- Quiet Operation with Low Vibration:** Double-encased motor assures quiet performance and low out-of-balance vibration
- Brushless AC Motor:** Smooth operation with no routine maintenance
- Cool Running:** Unique design of the motor housing and rotation chamber allows for cool operation regardless of workload
- Footprint:** Compact design uses less than 1 sq. ft. of counter space

SAFETY

- Automatic Lid Lock:** Centrifuge will not run with the lid open and the lid cannot be opened while samples are spinning
- Positive Lid Latching:** Firm mechanical latching of the lid prevents the escape of debris in case of tube breakage
- Clear Shatter Proof Lid:** Allows for safe sample observation, optical calibrations, and access for photo tachometer
- Global Regulatory Approvals:** Certified to US, Canadian, and European Safety standards
- Reinforced Guard Bowl:** Provides maximum safety and durability

642VFD-PLUS CENTRIFUGE SPECIFICATIONS



CATALOG NUMBER: 00-027-009-001


General

Overall Dimensions..... Height..... 8.75 in. (22 cm)
 Width..... 11.75 in. (30 cm)
 Depth..... 14.0 in. (35.5 cm)
 Weight..... 12 lbs. (5.4 kg)
 Max. Acceleration Time..... 18 seconds
 Max. Deceleration Time..... 20 seconds
 Timer..... Electronic, 1 to 30 minutes,
 preset to 10 minutes

Electrical

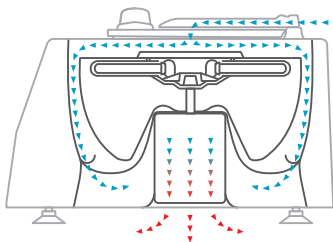
Voltage..... 120/220 Volts (± 10/25 Volts)
 Frequency..... 50/60 Hz
 Max. Power Requirements..... 165 Watts
 Protection Breaker..... 4 Amp. Re-settable
 Centrifuge Motor..... 1/30 H.P. Brushless AC
Speed..... 3,800 (± 100) RPM
 1,800 (± 100) RPM
Maximum Force..... 2,000 (± 90) xg
 500 (± 30) xg

Parts Included	QTY Included	Part Number	COMMENTS
 6 Place Horizontal Rotor	1	7786067	High strength glass fiber
 75 - 100 mm Tube Holder	6	7713079	For use with 75 - 100 mm tubes (3 mL - 10 mL)

Optional Accessories	QTY Included	Part Number	COMMENTS
 SmartView™ Platform	Available as an accessory	00-079-009-001	Tilts the centrifuge forward for better view and easier reach inside without loss of g-force.

Cool Operations

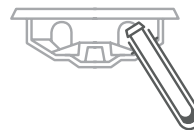
Unique design of the motor housing and rotation chamber allows for cool operation even under the heaviest workloads



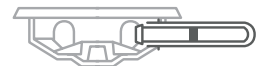
2-Stage Horizontal Rotor Included

Our patented swing-out horizontal rotor design incorporates a unique test tube holder that produces the ideal horizontally separated samples

Loading Angle



Rotation Angle



Warranty

The Drucker Diagnostics warrants that this centrifuge is free from defects in workmanship and parts for 2 years.



druckerdiagnostics.com

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