

HORIZON

642VFD

CAT.# 00-025-009-001

HIGHER G-FORCE AND SPEED FOR ALL SPECIMEN PROCESSING



- HORIZONTAL CENTRIFUGATION
- 6 TUBE CAPACITY
- SINGLE BUTTON OPERATION
- PRESET SPEED AND RUNTIME
- 3,800 MAX RPM
- 2,000 XG MAX RCF

OVERVIEW

The Model 642VFD is a flexible voltage, higher g-force version of the popular clinical centrifuge 642E. The built-in universal power supply and UL/CE safety approvals allow for use around the world. This centrifuge features a preset run time of 10 minutes at 2,000 xg g-force; these settings can be changed if desired, but are not designed for frequent adjustment. Easy one-button operation assures high quality, repeatable analytic results every time with BD Vacutainers[®], Greiner Vacuettes[®], Starstedt S-Monovettes[®], and more.

APPLICATIONS

Designed specifically for global chemistry blood separation, the model 642VFD is the ideal choice for reference labs, hospital outreach, and blood collection sites that require 2,000 xg g-force spins or flexible voltage.

FEATURES

Electronic Timer: Preset to 10 minutes, preset can be adjusted from 1 to 30 minutes

Capacity: Capacity: Six (6) tubes from microtubes (.5 mL) up to 17 mm x 100mm (10 mL)

Brushless AC Motor: Smooth operation with no routine maintenance

Quiet Operation with Low Vibration: Double-encased motor as sures quiet performance and low out-of-balance vibration

Cool Operation: Unique air-flow design cools the rotor chamber and motor with ambien air; protecting your samples and maximizing sample integrity

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 CENTRIFUGE SPECIFICATIONS

CATALOG NUMBER: 00-025-009-001

Electrical

Voltage 115-230 Volts
 Frequency 50/60 Hz
 Max. Power Requirements 165 Watts
 Protection Breaker 4 Amp. Re-settable
 Centrifuge Motor 1/30 H.P. Brushless AC

Maximum Speed

6-Tube Horizontal Rotor 3,800 RPM

General


Overall Dimensions Height 8.75 in. (22 cm)
 Width 11.75 in. (30 cm)
 Depth 14 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

Maximum Force

6-Tube Horizontal Rotor 2,000 xg

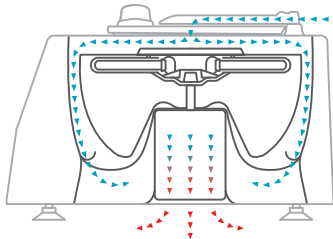
Preset to 10 minutes at 3,800 RPM/2,000 xg

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

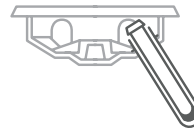
Unique design of the motor housing and rotation chamber allows for cool operation even under the heaviest workloads



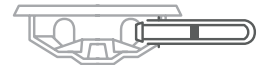
2-Stage Horizontal Rotor Included

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

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



druckerdiagnostics.com

+1-877-231-3115 (U.S. only)
 +1-814-692-7661

