

# HORIZON



## 24V

Cat. No. CA00718

### DIGITAL TIMER AND SPEED ADJUSTMENT FOR MAXIMUM PROCESSING PRECISION

- HORIZONTAL CENTRIFUGATION
- 24 TUBE CAPACITY
- DIGITAL TIMER
- DIGITAL SPEED CONTROL
- 3,400 MAX RPM
- 2,000 XG MAX RCF

## OVERVIEW

The 24V offers digital time and speed adjustment with the ability to establish up to 10 saved pre-sets. Horizontal swing-bucket centrifugation prepares samples to CLSI requirements, and the unit can run at g-forces from 500 - 2,000 xg to meet virtually any testing need.

## APPLICATIONS

This highly versatile centrifuge is ideal for serology, STAT, platelet poor plasma (PPP), platelet rich plasma (PRP), coagulation, clinical chemistry, cytology, urinalysis, and general cell / tissue processing. Completely adaptable, the model 24V provides the flexibility and performance necessary for any application.

### FEATURES

**Electronic Timer with Display:** Selectable between 1 and 99 minutes, with hold feature.

**Capacity:**

- Up to twenty-four (24) 1 - 10 mL tubes

**Brushless DC Motor:** Smooth operation with no routine maintenance

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

**Electronic Speed Control with Display:** Set speed by RPM or RCF xg

**Programmable Memory Settings:** Customize and save the run from start to finish

**Audible End-of-Run Indicator:** Sounds when a cycle is completed

### 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

**Imbalance Detection:** If an imbalance is detected, the centrifuge will come to a safe, controlled stop

**Welded Steel Construction:** Provides strength and durability for years of use

## 24V CENTRIFUGE SPECIFICATIONS

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### Electrical

Voltage..... 115 or 230 Volts  
 Frequency..... 50/60 Hz  
 Max. Power Requirements ..... 200 Watts  
 Protection Breaker ..... 4 Amp. Re-settable  
 Centrifuge Motor ..... 1/2 H.P. Brushless DC

### Recommended Maximum Speed



24-Tube Horizontal Rotor ..... 3,400 RPM

### General

Overall Dimensions ..... Height ..... 9 in. (23 cm)  
 Width ..... 14.5 in. (37 cm)  
 Depth..... 17 in. (43 cm)  
 Weight ..... 39 lbs. (17.7 kg)  
 Timer ..... Electronic, w/hold or  
 1 to 99 minutes  
 Max. Acceleration Time ..... 15 seconds  
 Max. Deceleration Time..... 15 seconds

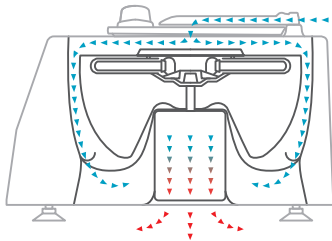
### Recommended Maximum Force

24-Tube Horizontal Rotor ..... 2,000 xg

Parts Included	QTY Included	Part Number	COMMENTS
 24 Tube Horizontal Rotor	1	7786022	For use with 1-10 mL tubes, 15 mL tubes, and 50 mL tubes (and carriers)
 100 mm 4 Place carrier	6	7713023	Can accomodate up to four (4) 100 mm tubes

### Cool Operations

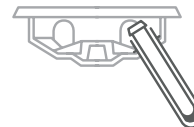
Unique design of the motor housing and rotation chamber allows for cool operation even under the heaviest workloads



### 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

