

HORIZON

653V

115V CAT.# 00-032-009-000
230V CAT.# 00-070-009-000



ADJUSTABLE SPEED FOR ANALYTICAL FLEXIBILITY

- HORIZONTAL CENTRIFUGATION
- 12 TUBE CAPACITY
- PRESET RUN TIME
- ADJUSTABLE SPEED
- 3,200 MAX RPM
- 1,600 XG MAX RCF

OVERVIEW

The model 653V centrifuge spins 12 tubes in a horizontal rotor. The unit arrives ready for use with included rotor and tube holders, push button operation, and mechanical knob speed control. The centrifuge features a preset run time of 10 minutes at any selected RPM; this time setting can be changed if desired, but is not designed for frequent adjustment. With variable speed control, electronic braking, and an audible end of run indicator, the 653V provides high performance in a small footprint.

APPLICATIONS

The model 653V is a fixed runtime, variable speed laboratory centrifuge. Adjustable RPM allows the unit to spin tubes from all major manufacturers in preparation for chemistry testing and coagulation.

FEATURES

- Electronic Timer:** Preset to 10 minutes, preset can be adjusted
- Capacity:** Twelve (12) tubes up to 17 mm x 100 mm (10 mL)
- Brushless AC Motor:** Smooth operation with no routine maintenance
- Quiet Operation with Low Vibration:** Double-encased motor assures quiet performance and low out-of-balance vibration
- Cool Operation:** Unique air-flow design cools the rotor chamber and motor with ambient air; protecting your samples and maximizing sample integrity

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

653V CENTRIFUGE SPECIFICATIONS

115V CATALOG NUMBER: 00-032-009-000

230V CATALOG NUMBER: 00-070-009-000

Electrical

Voltage..... 115 or 230 Volts
 Frequency..... 50/60 Hz
 Max. Power Requirements 230 Watts
 Centrifuge Motor 1/2 H.P. Brushless DC

Maximum Speed

12-Tube Horizontal Rotor 3,200 RPM

General

Overall Dimensions Height..... 9.3 in. (23.6 cm)
 Width 12.9 in. (32.8 cm)
 Depth..... 15.8 in. (40.1 cm)
 Weight 33.7 lbs. (15.3 kg)
 Timer Electronic, 1 to 30 minutes
 Max. Acceleration Time 35 seconds
 Max. Deceleration Time..... 35 seconds

Maximum Force




12-Tube Horizontal Rotor 1,600 xg

Preset to 10 minutes runtime, dial adjustable speed

Also available:

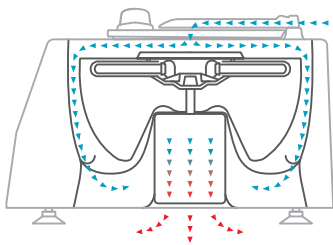
20-Tube Capacity Fixed Angle - Cat. No. 00-032-009-001

6-Tube 50 mL Capacity Fixed Angle - Cat 00-032-009-002

Parts Included	QTY Included	Part Number	COMMENTS
 12 Tube Horizontal Rotor	1	7786019	For use with 7713030 2-tube buckets
 100 mm Carrier, 2-Place	6	7713030	Can accommodate up to two (2) 16 x 100 mm tubes
 1 Inch Cushion Spacer	12	1525	

Cool Operations

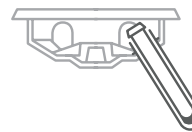
Unique design of the motor housing and rotation chamber allows for cool operation even under the heaviest workloads



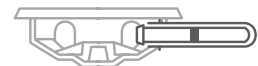
2-Stage Horizontal Rotor Included

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.