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

ADJUSTABLE SPEED FOR ANALYTICAL FLEXIBILITY

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

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

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