

HORIZON

653V



HORIZONTAL CLINICAL CENTRIFUGE

6 TO 20 TUBES, VARIABLE SPEED, MULTI-PURPOSE

FOR REPEATABLE, HIGH-QUALITY ANALYTICAL RESULTS

OVERVIEW

The Model 653V Centrifuge can accommodate up to 12 tubes in a horizontal rotor or 20 tubes in a fixed-angle rotor. With precise variable speed control, electronic braking, and an audible end of run indicator, the 653V provides versatility and high performance in a small footprint.

APPLICATIONS

The Model 653V Centrifuge is a continuous-duty, electronically-controlled, variable-speed, laboratory centrifuge. Designed for Urine, PPP, PRP, and Chemistry Use, the 653V provides versatility and high performance in small footprint.

FEATURES

Electronic Timer: Selectable between 1 and 30 minutes

Capacity:

- Up to twelve (12) 17 mm x 100 mm tubes (horizontal)
- Up to six (6) 50 mL tubes (6-place fixed-angle)
- Up to twenty (20) 17 mm x 125 mm tubes (20-place fixed-angle)

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

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

Variable Speed Operation: For precise control

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

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

Electronic Braking: For reducing deceleration time

653V CENTRIFUGE SPECIFICATIONS

Electrical

Voltage	115/230 Volts (± 10)
Frequency	50/60 Hz
Max. Power Requirements	230 Watts
Protection Breaker	4 Amp. Re-settable
Centrifuge Motor	1/2 H.P. Brushless DC

Maximum Force




6-Place Horizontal Rotor	1,550 xg
6-Place Fixed-Angle Rotor.....	1,300 xg
20-Place Fixed-Angle Rotor.....	1,400 xg

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)
Max. Acceleration Time.....		35 seconds
Max. Deceleration Time		35 seconds
Timer		Electronic, 1 to 30 minutes

Maximum Speed

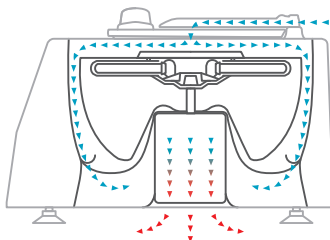
6-Place Horizontal Rotor	3,200 RPM
6-Place Fixed-Angle Rotor.....	3,200 RPM
20-Place Fixed-Angle Rotor.....	3,200 RPM

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

Optional Rotors	Quantity	Part Number	COMMENTS
 20-Place Fixed-Angle	1	7786042	For use with 17 mm x 75, 100, and 125 mm tubes
 100 mm Carrier, 2-Place	1	7786044	For use with 50 mL tubes

Cool Operations

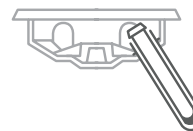
Unique design of the motor housing and rotation chamber allows for cool operation even under the heaviest workloads



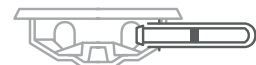
2-Stage Horizontal Rotor Included

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

Loading Angle



Rotation Angle



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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