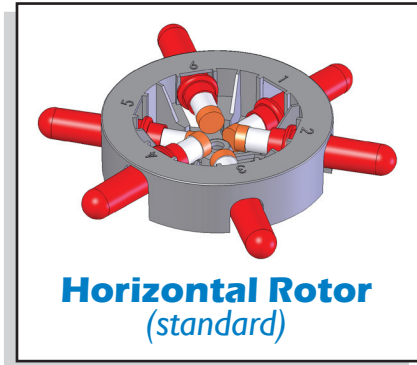


horizon

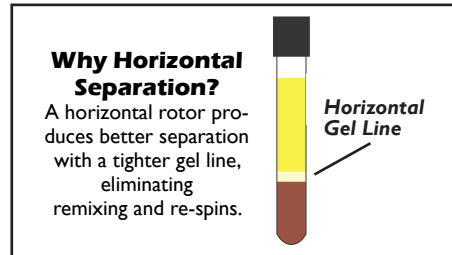
Model 642VES

mini VES

Uses less than **1 sq. ft.** of counter space!



- **Variable Speed!**
- **Digital time display w/ scrollable time setting**
- **Electronic braking**
- **Compact design uses less than 1 sq. ft. of counter space**
- **Full horizontal separation for test tubes up to 10mL**
- **Digital Cycle counter to monitor machine usage**
- **Horizontal Rotor comes standard**
- **Push-button operation/Safety lid-lock**
- **ETL Compliant to ANSI/UL Standards**
- **Also spins tubes up to 15ml with fixed angle rotor (optional)**



10mL test tubes up to 17mm x 100mm
15ml test tubes up to 17x125mm
UL Std. 61010A-1 and UL Std. 61010A-2-20,
CAN/CSA C22.2 No. 1010.1 and CAN/CSA
C22.2 No. 1010.2.20

The Horizon mini-VES, model 642VES, is a variable-speed centrifuge designed for the doctor's office or small lab. The scrollable time setting and digital readout make it incredibly easy to use. Its compact design minimizes its footprint, leaving more room on your counter. The unique horizontal rotor design allows for the test tubes to be inserted into the centrifuge at a convenient 45 degree angle. They are then gently rotated to a full horizontal position as the motor accelerates.

SPECIFICATIONS: General Specifications for the Horizon mini-VES, Model 642VES Centrifuge

Speed Range: (Horizontal)	1000 to 3,200 RPM (+/- 10%)	Overall	Height:	8.5 in. (22 cm)
Speed Range: (Fixed Angle)	1000 to 3,900 RPM (+/- 10%)	Dimensions:	Width:	11 in. (28 cm)
			Depth:	12.5 in. (32 cm)
Force Range:	140 to 1430 xg (+/- 10%)		Weight:	18.5 lbs. (8.4 kg)
Max Acceleration Time:	60 seconds	Centrifuge Motor:		1/30 H.P. AC
Deceleration Time (brake engaged):	10 seconds	Protection Breaker:		4 Amp. Re-settable
Deceleration Time (brake disengaged):	60 seconds	Timer:		Electronic w/display, 1 to 99 minutes +/- 1%
Maximum Capacity: (Horizontal)	60mL (6x10mL)	Max. Power Requirements:		165 Watts
Maximum Capacity: (Fixed Angle)	90ml (6x15ml)	Voltage:		115 (+/- 10) Volts
		Frequency:		60 Hz

NOTE: A 230V / 50Hz version is available. Consult your authorized dealer. *Speeds / RCFs shown are for 100mm red tube holders. The use of cushions and/or different tube holders may alter the top speed and RCF

horizon

Horizon mini-VES—All the benefits of a full-size centrifuge without sacrificing counter space

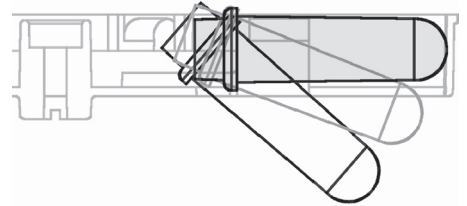
OPERATING FEATURES

- **ELECTRONIC TIMER w/TIME DISPLAY:** Scrollable time selection from 1 to 99 minutes, (+/- 1%), time set and time remaining are displayed
- **ELECTRONIC BRAKING:** Reduces deceleration time to ten (10) seconds (may be disengaged)
- **AUDIBLE END-OF-RUN INDICATOR:** Sounds when the rotor has come to a stop (may be disengaged)
- **CAPACITY:** Six (6), up to 17mm x 100mm test tubes (Horizontal)
Six (6), up to 17mm x 125mm test tubes (Fixed Angle)
- **BRUSHLESS AC MOTOR:** For smooth and quiet operation with no routine maintenance
- **QUIET OPERATION WITH LOW VIBRATION:** Double-encased motor and Drucker's unique "stability mount" assure quiet performance and low out-of-balance vibration
- **COOL RUNNING:** Unique design of the motor housing and rotation chamber allows for cool operation even under the heaviest workloads

SAFETY FEATURES

- **AUTOMATIC LID LOCK:** Centrifuge will not run with the lid open; 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 breakage or an accident
- **WELDED STEEL CONSTRUCTION:** For strength and durability
- **CLEAR LID:** Offers safe sample observation and optical calibration of speed

The tube holders gently move into the horizontal position (shown in gray) as the centrifuge accelerates.



STANDARD ACCESSORIES



100 mm
tube holder
p/n 7713031



75 mm
tube holder
p/n 7713033

ADDITIONAL ACCESSORIES

Fixed Angle rotor
p/n 7786047



holder cap
p/n 7713011



125 mm
tube holder
p/n 7713032



1" Cushion Spacer
(for 75mm Tubes)
p/n 1525



1.5 to 2mL
tube Adapter
p/n 7713065



.5 to 1 ml
tube Adapter
p/n 7713068



13 x 75mm insert,
p/n 7713064



13 x 100 mm insert,
p/n 7713066

The model 642VES, equipped with the standard horizontal rotor, is specifically designed to spin tubes up to 17mm x 75mm / 100mm with the holders shown. Optionally, the 1525 tube cushion may be used with 75mm tubes in the 100mm tube holder.


MADE IN THE USA
THE DRUCKER Co.

QUALITY IN LABORATORY CENTRIFUGES SINCE 1932
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Contact your authorized dealer or The Drucker Company to order accessories.