

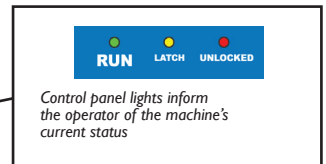
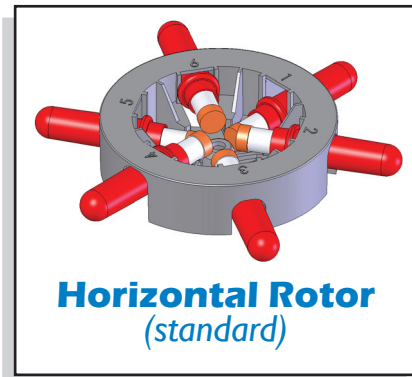
horizon

Model 642E

mini E

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

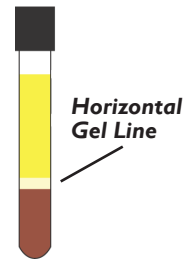
The next revolution in horizontal centrifuges



- Full horizontal separation for test tubes up to 10mL
- Compact design uses less than 1 sq. ft. of counter space
- Horizontal Rotor comes standard with centrifuge
- Cycle Counter to Monitor Machine Usage
- Push-button operation / Safety lid-lock
- ETL Compliant to ANSI/UL Standards; CE
- Single-speed:
3,380 RPM/1,600 x g, Horizontal (Standard)

Why Horizontal Separation?

A horizontal rotor produces better separation with a tighter gel line, eliminating remixing and re-spins.



10mL test tubes up to 17mm x 100mm
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, CE EN 55014-1, EN 55022 Class B, EN 61000-3-2, EN 61000-4-2, -4-4, -4-5, -4-6, -4-11, EN 61000-6-3

The Horizon mini-E, model 642E, is a single-speed centrifuge designed for the doctor's office or small lab. 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-E, Model 642E Centrifuge

Nominal Speed	3,380 (+/- 100) RPM
Nominal Force	1,600 (+/- 90) xg
Max Acceleration Time:	15 seconds
Deceleration Time:	60 seconds
Maximum Capacity:	60mL (6x10mL)
Overall Dimensions:	Height: 8.5 in. (22 cm) Width: 11 in. (28 cm) Depth: 12.5 in. (32 cm)
Weight:	18.5 lbs. (8.4 kg)
Centrifuge Motor:	1/30 H.P. AC

Protection Breaker:	4 Amp. Re-settable
Timer:	Electronic, 1 to 30 minutes +/- 1%
Max. Power Requirements:	165 Watts
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 in the horizontal rotor. The use of cushions and/or different tube holders may alter the top speed and RCF.

horizon

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

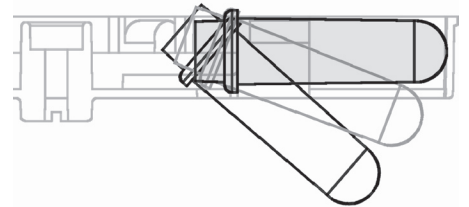
OPERATING FEATURES

- **ELECTRONIC TIMER:** Selectable from 1 to 30 minutes (+/-1%)
- **CAPACITY:** Six (6) test tubes up to 17mm x 100mm
- **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

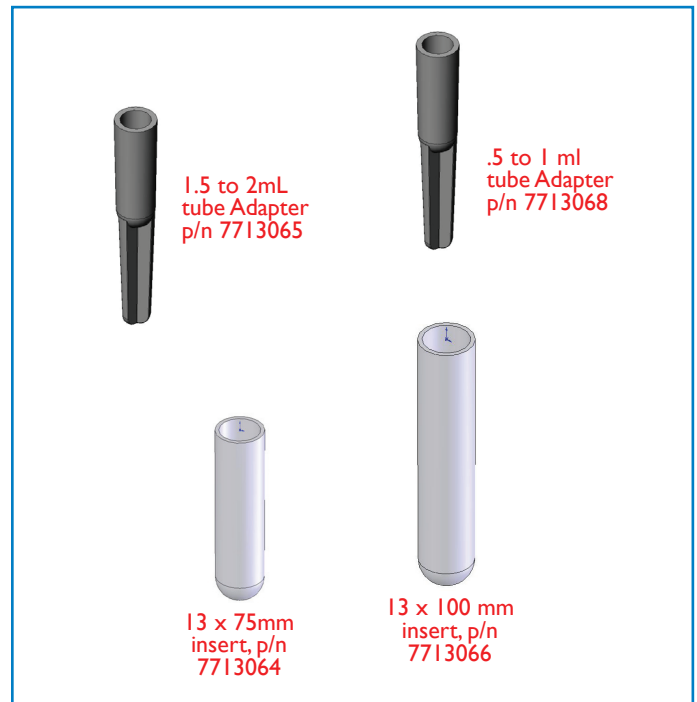
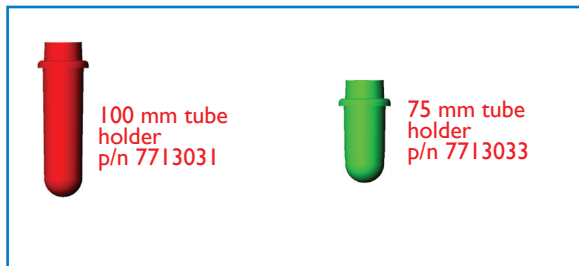
- **AUTOMATIC LID LOCKING :** Centrifuge will not run with the lid open; lid cannot be opened while samples are spinning
- **POSITIVE LID LATCHING:** Firm mechanical latching of the lid prevents the escape of debris in case of breakage or an accident
- **WELDED STEEL CONSTRUCTION:** For strength and 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

Tube Holders



ADDITIONAL ACCESSORIES



The model 642E, 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.



QUALITY IN LABORATORY CENTRIFUGES SINCE 1932
200 Shady Lane, Philipsburg, PA 16866
(814) 342-6205 • Fax: (814) 342-6211
www.druckercompany.com

Contact your authorized dealer or The Drucker Company to order accessories.