Horizon Centrifuge Model 755VES

is the #1 choice for hospitals and large laboratories. Its innovative design provides the flexibility and performance necessary for today's clinical labs.

OVERVIEW

The Model 755VES is supplied with everything necessary for the modern laboratory including a horizontal rotor, buckets, caps, and inserts for tubes ranging from .5 mL – 50 mL. Ideal for Serology, STAT, PPP, PRP, Coagulation, Clinical Chemistry, and more. The exclusive airflow and rotor design guarantees the highest quality sample separations and maintains the integrity of the most sensitive specimens.

FEATURES

- **Electronic Timer w/Display:** Selectable from 1 to 99 minutes, hold feature

- **Capacity:** Up to twenty four (24) 1-10 mL tubes
  Up to twelve (12) 15 mL tubes
  Up to six (6) 50 mL tubes
  Up to two (2) microplates

- **Electronic Speed Control w/Display:** Set the operating speed by RPM or RCF xg

- **Brushless DC Motor:** Smooth and quiet operation with no routine maintenance

- **Programmable Memory Settings:** Customize and save the run from start to finish

- **Audible End-of-Run Indicator:** Sounds when the rotor has stopped to inform the operator that a cycle is completed

- **Quiet Operation with Low Vibration:** Double-encased motor assures quiet performance and low imbalance vibration

ADVANCED SAFETY

- **Global Regulatory Approvals:** Certified to US, Canadian, and European Safety standards.

- **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

- **Imbalance Detection:** If an imbalance is detected, the centrifuge will come to a safe controlled stop

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

- **Shatterproof Clear Lid:** Offers safe observation and access for phototachometer

APPLICATIONS

- **Chemistry**
- **Coagulation**
- **Cytology**
- **Platelet Rich & Poor Plasma**
- **Urinalysis**
- **General Cell / Tissue Processing**

755VES CENTRIFUGE DISPLAY

1	Locking Knob
2	Stay-In-Place Hinges
3	Clear Lid for Easy Viewing
4	Lid Safety Interlock System
5	Control Panel (see below)
6	Convenient Power Switch
7	All Steel Cabinet
8	Cycle Counter

755VES CENTRIFUGE CONTROL PANEL

1	RCF Conversion Button
2	Up/Down RPM Change Buttons
3	Indicator Lights
4	Up/Down Time Change Buttons
5	Brake Display
6	Program Button
7	Memory Preset Display
8	Memory Button

755VES CENTRIFUGE SPECIFICATIONS

Electrical

Voltage	115/230 Volts (± 10%)
Frequency	50/60 Hz
Max. Power Requirements	200 Watts
Protection Breaker	4 Amp. Re–settable
Centrifuge Motor	1/2 H.P. Brushless DC

General

Overall Dimensions	Height	9.0 in. (23 cm)
	Width	14.5 in. (37 cm)
	Depth	17.0 in. (43 cm)
Weight		39 lbs. (17.7 kg)
Min. Acceleration Time		15 seconds
Min. Deceleration Time		15 seconds
Timer		Electronic, w/hold or 0 to 99 minutes

Speed Range

Horizontal Rotor	500 to 4,300 RPM
Fixed-Angle Rotor	500 to 4,000 RPM

Force Range

Horizontal Rotor	40 to 3,150 xg
Fixed-Angle Rotor	30 to 2,000 xg

Warranty

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

ALL INCLUDED!

6 Place Horizontal Rotor (Standard)
p/n 7786015

Accessories for use with vials up to 15 mL

		QTY Included	Part Number	Comments
	100 mm 4 Place carrier 125 mm 2 Place carrier	6	7713023	Can accommodate up to (4) 100 mm tubes or (2) 125 mm tubes
	Carrier cap	6	7713035	For use with part number 7713023 carrier
	13 x 75 mm Insert	2	7713064	For use with 13 x 75 mm vials
	13 x 100 mm Insert	2	7713066	For use with 13 x 100 mm vials
	0.5 to 1 mL Tube adapter	2	7713068	For use with vials up to 1 mL
	1.5 to 2 mL Tube adapter	2	7713065	For use with vials between 1.5 mL and 2 mL
	0.25" Cushion Spacer	24	9150	For use with glass vials or tubes

Accessories for use with 50 mL vials

	50 mL Carrier	6	7713037	Can accommodate conical or flat bottom 50 mL vials or tubes
	Carrier cap	6	7713035	For use with part number 7713037 carrier
	50 mL Conical tube insert	2	7787060	For use with conical vials or tubes

755VES OPTIONAL CENTRIFUGE ROTORS & ACCESSORIES

6-Place 50mL Fixed-Angel Rotor
p/n 7786044

	QTY Included	Part Number	Comments
50 mL Carrier	6	7787051	For use with 50 mL conical or flat bottom vials or tubes

Optional accessories

		Part Number	Comments
50 mL Conical tube insert	Available as an accessory	7787060	For use with conical vials or tubes

Microplate Rotor
p/n 7786051

Comments

For use with well plates measuring 3.375" x 5" or up to 10 gel cards with 8 microtubes

Made in the U.S.A.

NOTE: Specifications subject to change.

Drucker Diagnostics offers the capability to offer customized front panel labels. Please use the graphics guidelines below should you wish to have the front panel customized with your company name, logo and alternate design.

File format

In order to ensure the highest quality of printing possible, all logo graphics must be in a vector based format with at least a resolution of 300 dots per inch (dpi). Please note that if an image was originally created at low resolution and you manually increase the resolution up to 300 dpi, this will not improve the quality of the image. The file must be originally created and saved at 300 dpi for the best quality. Please note that we only accept files generated in the Windows® Operating environment.

Acceptable file formats include:

- Encapsulated Postscript (EPS) - Encapsulated postscript file or .EPS for short is an Adobe Systems-developed file format. It is a device-independent PostScript representation of a graphic or other object. It stores files as vectors and includes a low-resolution bitmap representation for quick on-screen viewing.
- Adobe Illustrator (AI) - Adobe Illustrator Artwork (.AI) is a proprietary file format developed by Adobe Systems for representing vector-based drawings.
- CorelDraw (CDR) - CorelDraw is a proprietary vector graphics editor developed and marketed by Corel Corporation.

Unacceptable file formats include:

- Joint Photographic Experts Group (JPEG)
- Bitmap (BMP)
- Photoshop Document (PSD)
- Portable Network Graphics (PNG)
- Tagged Image File Format (TIFF)
- Portable Document Format (PDF)

Fonts

If at all possible, it is highly desirable to supply all custom or special fonts used in your logo. If you do not supply fonts, the creation of the front panel label may be delayed.

If you have vector artwork and your file is missing fonts, you can open your file in a vector based program (for example Adobe Illustrator), select "Create Outlines", and then re-save your artwork file.

Color Format

All logo files must be saved using the Pantone color match system (PMS). If the logo has specific Pantone colors we suggest that you include them in the original artwork file or alternatively, tell us what the PMS colors are.

If your logo is in CMYK (cyan, magenta, yellow, and Key (black)) or RGB (red, green, blue) and is not converted to PMS, we will create the logo with the closest Pantone color match to your logo. Conversion from one color standard to another may cause colors to shift. Therefore, after the logo is converted, a proof copy of the logo will be sent to you for approval.

Label Design

After receipt of your logo, we will review the file for missing fonts and the proper color format. If there are any questions or problems, you will be notified.

If there are no problems, we will create several label concepts for your review. Once you select a concept, the front panel label will be finalized and included on centrifuges that are ordered.

Drucker Diagnostics
Innovative Solutions for a Healthier World

Made in the U.S.A.

NOTE: Specifications subject to change.