# Drucker Diagnostics Product Catalog

Drucker Diagnostics
Innovative Solutions for a Healthier World

# Innovative Solutions
## *for a healthier world*

Since 1932, Drucker Diagnostics has led the way in quality, innovation, and reliability.

Whether it's the first horizontal rotor or the world's only dry hematology system, Drucker looks beyond the current standard and toward the ideal best practice. From our headquarters in Pennsylvania, we design, build, and support our product lines.

You'll find Drucker around the globe. Our centrifuges are trusted by reference laboratories, hospitals, point of care facilities, and more. Our dry hematology products can be found on cruise ships, in local clinics, on military bases, and wherever else remote care is required. Our sample protection lockboxes and fluorescence microscopy tools offer specimen protection and powerful diagnosis tools where they are needed most.

Centrifuge Buying Guide

STAT Centrifuges

Digital Display Routine Centrifuges

Set & Lock Routine Centrifuges

Mobile Centrifuges

Fixed-Angle Centrifuges

SampleSafe™ Lockboxes

Dry Hematology

# **Centrifuge** Buying Guide

| | Model | STAT | Plasma Serum (Chemistry) | Sodium Citrate (Coag) PPP | Urine | PRP PRF | Mobile Care | Max RPM | Max G-Force RCF | Settings | Digital Display | Up to 17 x 75 or 100 mm or 10 mL | Up to 17 x 125 mm or 15 mL | 50 mL | Voltage |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cycle Time (Minutes) | | | | | | | | | | | | |
| Routine | 642B* | | 10 | 15 | | | | 3400 | 1600 | One | | 6 | | | 115 VAC |
| | 642E | | 10 | 15 | | | | 3400 | 1600 | One | | 6 | | | 115 VAC |
| | 642M | | 10 | 15 | | | ✓ | 3400 | 1600 | One | | 6 | | | 12 VDC |
| | HORIZON 6 | | 10 | 15 | 5 | ✓ | | 3800 | 2000 | Three | | 6 | | | 95-253 VAC |
| | HORIZON 6 Flex | | 10 | 15 | 5 | ✓ | | 3800 | 2000 | Ten | ✓ | 6 | | | 95-253 VAC |
| | HORIZON 12 | | 10 | 15 | 5 | ✓ | | 3700 | 2000 | Three | | 12 | | | 95-253 VAC |
| | HORIZON 12 Flex | | 10 | 15 | 5 | ✓ | | 3700 | 2000 | Ten | ✓ | 12 | | | 95-253 VAC |
| | HORIZON 24 | | 10 | 15 | 5 | ✓ | | 3400 | 2000 | Three | | 24 | 12 | 6 | 95-253 VAC |
| | HORIZON 24 Flex | | 10 | 15 | 5 | ✓ | | 3400 | 2000 | Ten | ✓ | 24 | 12 | 6 | 95-253 VAC |
| STAT | DASH Apex 6 | 3 | 7 | 5 | | | | 5500 | 4000 | Three | | 6 | | | 95-253 VAC |
| | DASH Apex 12 | 3 | 7 | 5 | | | | 5200 | 4000 | Three | | 12 | | | 95-253 VAC |
| | DASH Flex 12 | 3 | 7 | 5 | | | | 5200 | 4000 | Three | ✓ | 12 | | | 95-253 VAC |
| | DASH Apex 24 | 3 | 7 | 6 | | | | 4300 | 3000 | Three | | 24 | | | 95-253 VAC |
| Fixed Angle | 614B* | | 15 | | | | | 3250 | 1100 | One | | 6 | 6 | | 115 VAC |
| | HORIZON 6 FA | | 10 | 15 | 5 | ✓ | | 3900 | 1850 | Three | | 6 | 6 | | 95-253 VAC |
| | HORIZON 6 Flex FA | | 10 | 15 | 5 | ✓ | | 3900 | 1850 | Ten | ✓ | 6 | 6 | | 95-253 VAC |

*Not tested to CE standards

RCF varies with tube holder size and is given for 75 & 100 mm tubes

**Gel tubes that are being transported should be centrifuged in a horizontal centrifuge, as recommended by tube manufacturers and the CLSI**

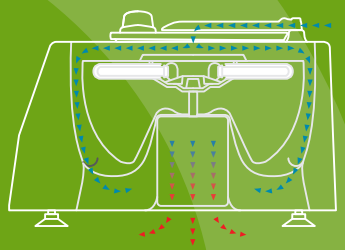
# DASH
## STAT Centrifuges

**When every minute counts, Drucker DASH STAT centrifuges deliver.**

**DASH centrifuges offer higher G-force for faster spin times and quality sample separation - a powerful combination for high-performance environments.**

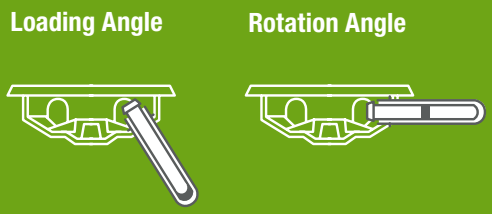
### Cool Operations

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



### 2-Stage Horizontal Rotor

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




### FEATURES

**Two Year Warranty:** Every Drucker centrifuge is protected by a comprehensive two year warranty.

**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

**STAT Performance:** Powerful motor provides faster centrifugation and improved sample separation

**Horizontal Centrifugation:** Horizontal rotors provide better sample separation and a more secure gel barrier for improved performance under transport

### SAFETY

**Regulatory Approvals:** Certified to United States and Canadian safety standards

**Reinforced Side Walls:** Glass fiber reinforced nylon and high-impact polycarbonate provide dual layers of protection

Drucker Diagnostics

DASH

# DASH APEX 6, 12, & 24

## *SET & LOCK STAT* CENTRIFUGES

Discover a better way to spin STAT with Drucker DASH Apex STAT centrifuges. Minimize lab error, reduce turnaround time, and streamline training with the DASH Apex's simple controls and powerful performance.

### Easy to Monitor

Prevent forgotten samples and reduce TAT with LED lid lighting (patent pending). Bright lights indicate when the centrifuge is ready to load (off), running (on), or done (flashing). Lights continue flashing until the lid is opened.

### Easy to Use

The simple two-button interface makes it easy to select a preset or program your custom validated STAT cycles. Use all three presets, or set and lock to a single cycle for maximum repeatability. Spin 75-100 mm (3-10 mL) tubes with the same rotor and universal tube holders.

### Eliminate Wait Time

Further shorten TAT by using a centrifuge array in accessioning to eliminate queuing. The array takes advantage of the DASH Apex's compact size to allow samples to be spun as soon as they arrive.

### Safe and Durable

Enjoy years of worry-free operation with the DASH Apex's brushless motor and rugged, reinforced carbon fiber components. Enhance lab safety with imbalance protection and a clear, shatterproof lid, which locks until the centrifuge has stopped completely.

### A Great Value

Each centrifuge comes ready to run with a horizontal rotor, universal tube holders, and 2-year warranty included in the affordable price.

| | |
|---|---|
| Tube Capacity | 6, 12, or 24 (75-100 mm/3-10 mL) |
| Applications | STAT chemistry, coag, PPP |
| Centrifugation | Horizontal (max 4,000 xg/5,500 RPM) |
| Included | Rotor, tube holders or buckets |
| Warranty * | 2 years (rotor: lifetime warranty) |

* *Extended warranty available*

DASH Apex 6

DASH Apex 12

DASH Apex 24



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# DASH APEX 6, 12, & 24

## Free 30-Day Evaluation (U.S. Only)

| Part Numbers | DASH Apex 6 | DASH Apex 12 | DASH Apex 24 |
|---|---|---|---|
| Centrifuge | 00-076-009-004 | 00-083-009-003 | 00-084-009-005 |
| Replacement 75-100 mm tube holder/Bucket | 03-1-0007-0046 | 03-1-0007-0046 | 03-1-0007-0046 |
| Adapters, 0.5 to 1 mL | 7713068 (1 qty) | 7713068 (1 qty) | 7713068 (1 qty) |
| Adapters, 1.5 to 2 mL | 7713065 (1 qty) | 7713065 (1 qty) | 7713065 (1 qty) |
| 1 yr Warranty Extension | 03-0-0007-0003 | 03-0-0007-0003 | 03-0-0007-0003 |
| 2 yr Warranty Extension | 03-0-0007-0004 | 03-0-0007-0004 | 03-0-0007-0004 |
| 3 yr Warranty Extension | 03-0-0007-0005 | 03-0-0007-0005 | 03-0-0007-0005 |
| * Custom Settings | 00-100-100-101 | 00-100-100-101 | 00-100-100-101 |

* Add this part number to your centrifuge order to have your custom validated cycles pre-programmed at the factory

| Factory Settings | DASH Apex 6 | | | DASH Apex 12 | | | DASH Apex 24 | | |
|---|---|---|---|---|---|---|---|---|---|
| | RPM | Time | G-Force | RPM | Time | G-Force | RPM | Time | G-Force |
| 3 min (5 min for 24) | 5,300 | 3 | 4,000 | 5,200 | 3 | 4,000 | 4,200 | 5 | 3,000 |
| 5 min (6 min for 24) | 5,300 | 5 | 4,000 | 5,200 | 5 | 4,000 | 4,200 | 6 | 3,000 |
| Custom | 3,800 | 7 | 2,000 | 3,600 | 7 | 2,000 | 3,500 | 7 | 2,000 |

| Specifications | DASH Apex 6 | DASH Apex 12 | DASH Apex 24 |
|---|---|---|---|
| Sound level | 61 dBA | 61 dBA | 64 dBA |
| Dimensions (W x D x H) | 11 x 13.5 x 8 in<br>28 x 34 x 20 cm | 12.5 x 14.75 x 9 in<br>32 x 37 x 23 cm | 14.5 x 17 x 9 in<br>37 x 43 x 23 cm |
| Weight | 12 lbs (5.4 kg) | 34 lbs (15 kg) | 39 lbs (17 kg) |
| Power | 95 to 253 VAC – 50/60 Hz | | |

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DASH

# DASH FLEX 12 & APEX 12

## *STAT CENTRIFUGES*

Always know when your STAT samples are ready: the unique flashing lid lights (patent pending) make it easy to track cycle status and keep TAT down. With your choice of digital display or repeatable two-button operation, both units can be programmed with your validated cycles and arrive preset with common STAT spin cycles for convenience.

### Easy to Monitor

LED lid lighting indicates when the centrifuge is ready (off), running (on), or done (flashing), reducing forgotten samples and keeping your average TAT down. The DASH Flex 12's digital display shows cycle parameters and time remaining.

### Easy to Use

Program up to 10 custom time, RPM, and g-force settings with the DASH Flex 12. Or, set and lock your three preferred cycles using the DASH Apex 12's two-button interface. Both arrive pre-programmed with the most common STAT settings and can spin 75-100 mm (3-10 mL) tubes with the same rotor and universal tube holders.

### Eliminate Wait Time

DASH centrifuges are so compact that they can be used in an array in accessioning. The array will allow spinning samples as soon as they arrive, further shortening your TAT. For a more compact unit, consider the 6 tube capacity DASH Apex 6.

### Safe and Durable

Enjoy years of worry-free operation with the DASH's brushless motor and rugged, reinforced carbon fiber components. Enhance lab safety with imbalance protection and a clear, shatterproof lid, which locks until the centrifuge has stopped completely.

### A Great Value

Each DASH centrifuge comes fully equipped and ready to run with a horizontal rotor, universal tube holders, and 2-year warranty included in the affordable price.

Choose the DASH Flex 12 for flexibility & cycle display. Choose the DASH Apex 12 for repeatability with set and lock controls.

| Tubes | Applications | Centrifugation | Included | Warranty |
|---|---|---|---|---|
| **12**<br>75-100 mm<br>3-10 mL | STAT Chemistry,<br>Coag, PPP | Horizontal<br>4,000 xg Max RCF<br>5,200 Max RPM | Rotor, Buckets or<br>Tube Holders | 2 years<br>Rotor: lifetime warranty<br>Extended warranty available |



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# DASH FLEX 12 & APEX 12

View RPM and remaining spin time on the digital display

Lid lights indicate cycle status: ready, running, done

LED lights clearly indicate selected cycle

Program and name your custom validated cycles

Store up to 10 settings

Select a preset cycle, program your validated cycles, or lock to a single setting

## Free 30-Day Evaluation (U.S. Only)

| Specifications | DASH Flex 12 | DASH Apex 12 |
|---|---|---|
| Sound level | 61 dBA | 61 dBA |
| Dimensions (W x D x H) | 13 x 15 x 9 in (33 x 38 x 23 cm) | 13 x 15 x 9 in (33 x 38 x 23 cm) |
| Weight | 30 lbs (13.7 kg) | 30 lbs (13.7 kg) |
| Power | 95 to 253 VAC – 50/60 Hz | |

| Part Numbers | DASH Flex 12 | DASH Apex 12 |
|---|---|---|
| Centrifuge | 00-183-009-000 | 00-083-009-003 |
| Replacement 75 & 100 mm black tube holder | 03-1-0007-0046 | 03-1-0007-0046 |
| Tube Adapters, 0.5 to 1 mL | 7713068 (1 qty) | 7713068 (1 qty) |
| Tube Adapters, 1.5 to 2 mL | 7713065 (1 qty) | 7713065 (1 qty) |
| 1 yr Warranty Extension | 03-0-0007-0003 | 03-0-0007-0003 |
| 2 yr Warranty Extension | 03-0-0007-0004 | 03-0-0007-0004 |
| 3 yr Warranty Extension | 03-0-0007-0005 | 03-0-0007-0005 |
| Custom Settings * | 00-100-100-101 | 00-100-100-101 |

* Add this part number to your centrifuge order to have your custom validated cycles pre-programmed at the factory

| Factory Settings | DASH Flex 12 | | | DASH Apex 12 | | |
|---|---|---|---|---|---|---|
| | RPM | Time | G-Force | RPM | Time | G-Force |
| 1st Setting/Cycle | 5,200 | 3 min | 4,000 xg | 5,200 | 3 min | 4,000 xg |
| 2nd Setting/Cycle | 5,200 | 5 min | 4,000 xg | 5,200 | 5 min | 4,000 xg |
| 3rd Setting/Cycle | 3,600 | 7 min | 2,000 xg | 3,600 | 7 min | 2,000 xg |

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# HORIZON

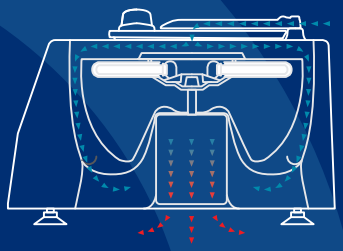
## Digital Display Routine Centrifuges

**Simplify and standardize work flows, training, warranty, and service.**

**HORIZON Flex routine centrifuges provide high-throughput horizontal centrifugation in minimal space. Set and store up to 10 custom settings using the digital display.**

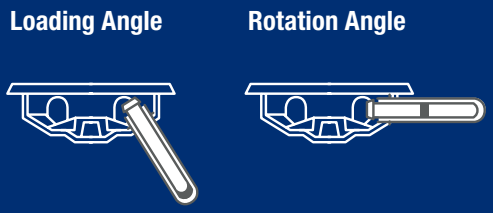
### Cool Operations

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



### 2-Stage Horizontal Rotor

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




## FEATURES

**Tube Sizes:** 3 mL to 10 mL; up to 17 mm x 100 mm

**LED Lid Lighting:** Patented lid lighting indicates the centrifuge's status (off when ready, on when running, and flashing when done)

**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

**Horizontal Centrifugation:** Horizontal rotors provide better sample separation and more secure gel barrier for improved performance under transport.

**Two Year Warranty:** Every Drucker centrifuge is protected by a comprehensive two year warranty.

## SAFETY

**Regulatory Approvals:** Certified to United States and Canadian Safety standards

**Reinforced Side Walls:** Glass fiber reinforced nylon and high-impact polycarbonate provide dual layers of protection

# HORIZON

## HORIZON 6, 12, & 24 FLEX
## *PROGRAMMABLE ROUTINE* CENTRIFUGES

Satisfy the most diverse processing requirements with HORIZON Flex routine centrifuges. Customize settings and check every detail on the digital display, or pre-program up to 10 cycles.

### Easy to Use
The fully digital display makes it easy to customize cycle parameters on the fly, or set and select one of the 10 programmable cycles. Spin 75-100 mm (3-10 mL) tubes without switching tube holders or adding cushions.

### Easy to Monitor
Process samples more efficiently with HORIZON's LED lid lighting: off when the centrifuge is ready to load, on when running, and flashing at the end of cycle. Once the unit is started, the display shows remaining spin time.

### Built to Last
No routine maintenance. Brushless motor, engineered composite components.

### Engineered for Safety
Protect your lab with imbalance detection and a shatterproof lid which can only be opened when the rotor is stopped, even if the unit loses power.

### A Great Value
Unbeatable quality for any budget. Each HORIZON centrifuge is ready to run with horizontal rotor, universal tube holders, and 2-year warranty included in the affordable price.

| | |
|---|---|
| Tube Capacity | 6, 12, or 24 (75-100 mm/3-10 mL) |
| Applications | Chemistry, Coag, PPP, PRP, Urine |
| Centrifugation | Horizontal (max 2,000 xg/3,800 RPM) |
| Included | Rotor, buckets and tube holders |
| Warranty * | 2 years (rotor: lifetime warranty) |

** Extended warranty available*

**HORIZON 6 Flex**

**HORIZON 12 Flex**

**HORIZON 24 Flex**



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# HORIZON 6, 12, & 24 FLEX

Lid lights indicate cycle status: ready, running, done

Display shows remaining time

Verify exact cycle parameters

10 programmable settings for all your applications

Use default presets* for chemistry, coag, and urine or program your validated cycles

** presets based on CLSI guidelines and tube manufacturer IFU*

## Free 30-Day Evaluation (U.S. Only)

| Part Numbers | HORIZON 6 Flex | HORIZON 12 Flex | HORIZON 24 Flex |
|---|---|---|---|
| Centrifuge | 00-376-009-000 | 00-383-009-000 | 00-384-009-000 |
| Replacement 75-100 mm tube holder/Bucket | 7713079 (1 qty) | 7713079 (1 qty) | 7713023 (1 qty) |
| 50 mL tube holder | | | 7713037 |
| Cap | | | 7713035 |
| SmartView Platform | 00-079-009-001 | | |
| 1 yr Warranty Extension | 03-0-0007-0001 | 03-0-0007-0001 | 03-0-0007-0001 |
| 2 yr Warranty Extension | 03-0-0007-0002 | 03-0-0007-0002 | 03-0-0007-0002 |
| 3 yr Warranty Extension | 03-0-0007-0006 | 03-0-0007-0006 | 03-0-0007-0006 |
| Custom Settings * | 00-100-100-101 | 00-100-100-101 | 00-100-100-101 |

***** Add this part number to your centrifuge order to have your custom validated cycles pre-programmed at the factory

| Specifications | HORIZON 6 Flex | HORIZON 12 Flex | HORIZON 24 Flex |
|---|---|---|---|
| Sound Level | 64 dBA | 56 dBA | 59 dBA |
| Max G-Force/Speed | 2,000 xg @ 3,800 RPM | 2,000 xg @ 3,700 RPM | 2,000 xg @ 3,400 RPM |
| Dimensions (W x D x H) | 12 x 14 x 9 in<br>30 x 36 x 23 cm | 13 x 15 x 9 in<br>33 x 38 x 23 cm | 15 x 17 x 9 in<br>38 x 43 x 23 cm |
| Weight | 12 lbs (5.4 kg) | 30 lbs (13.7 kg) | 39 lbs (17.7 kg) |
| Power | 95 to 253 V – 50/60 Hz | | |

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# HORIZON

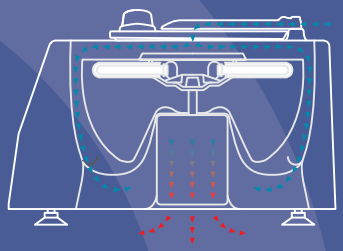
## Set & Lock Routine Centrifuges

**Ultra-small footprint for point of care horizontal centrifugation.**

**Our set-and-lock centrifuges offer horizontal processing for up to 6 tubes. With a range of power levels and cycle setting options, these units are powerful and versatile.**

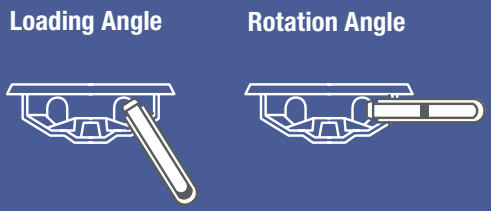
### Cool Operations

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




## FEATURES

**Tube Sizes:** 0.5 mL to 15 mL; up to 17 mm x 125 mm

**Brushless 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

**Two Year Warranty:** Every Drucker centrifuge is protected by a comprehensive two year warranty.

## SAFETY

**Regulatory Approvals:** Certified to United States and Canadian safety standards

**Reinforced Side Walls:** Glass fiber reinforced nylon and high-impact polycarbonate provide dual layers of protection

# HORIZON

## HORIZON 6, 12, & 24
## *SET & LOCK ROUTINE* CENTRIFUGES

Minimize error, reduce training time, and deliver the best patient outcome with HORIZON. Set and lock your validated cycles to prevent accidental changes. Further reduce potential errors with the option to lock to a single cycle.

### Easy to Use
Use the simple, two-button interface to select a preset, or program and record your validated settings on the included label. Process 75-100 mm (3-10 mL) tubes in the same holder without cushions.

### Easy to Monitor
Process samples more efficiently with HORIZON's LED lid lighting: off when the centrifuge is ready to load, on when running, and flashing at the end of cycle.

### Built to Last
No routine maintenance. Brushless motor, engineered composite components.

### Engineered for Safety
Protect your lab with imbalance detection and a shatterproof lid which can only be opened when the rotor is stopped, even if the unit loses power.

### A Great Value
Unbeatable quality for any budget. Each HORIZON centrifuge is ready to run with horizontal rotor, universal tube holders, and 2-year warranty included in the affordable price.

| | |
|---|---|
| Tube Capacity | 6, 12, or 24 (75-100 mm/3-10 mL) |
| Applications | Chemistry, Coag, PPP, PRP, Urine |
| Centrifugation | Horizontal (max 2,000 xg/3,800 RPM) |
| Included | Rotor, buckets and tube holders, cycle label |
| Warranty * | 2 years (rotor: lifetime warranty) |

***** *Extended warranty available*

HORIZON 6

HORIZON 12

HORIZON 24



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# HORIZON 6, 12, & 24

Lid lights indicate cycle status: ready, running, done

3 default preset cycles* for chemistry, coag, and urine

** presets based on CLSI guidelines and tube manufacturer IFU*

Use presets or program your validated cycles using the two buttons

1. Chem 2. Coag 3. Urine

Name your cycles your way with included erasable label

Press to select cycle

May be locked to a single cycle or customized at the lab

## Free 30-Day Evaluation (U.S. Only)

| Part Numbers | HORIZON 6 | HORIZON 12 | HORIZON 24 |
|---|---|---|---|
| Centrifuge | 00-276-009-000 | 00-283-009-000 | 00-284-009-000 |
| Replacement 75-100 mm tube holder/Bucket | 7713079 (1 qty) | 7713079 (1 qty) | 7713023 (1 qty) |
| 50 mL tube holder | | | 7713037 |
| Cap | | | 7713035 |
| SmartView Platform | 00-079-009-001 | | |
| 1 yr Warranty Extension | 03-0-0007-0001 | 03-0-0007-0001 | 03-0-0007-0001 |
| 2 yr Warranty Extension | 03-0-0007-0002 | 03-0-0007-0002 | 03-0-0007-0002 |
| 3 yr Warranty Extension | 03-0-0007-0006 | 03-0-0007-0006 | 03-0-0007-0006 |
| * Custom Settings | 00-100-100-101 | 00-100-100-101 | 00-100-100-101 |

* Add this part number to your centrifuge order to have your custom validated cycles pre-programmed at the factory

| Standard Preset Cycles | | HORIZON 6 | HORIZON 12 | HORIZON 24 |
|---|---|---|---|---|
| 1 (Chemistry) | 10 min @ 1800 xg | 3600 RPM | 3500 RPM | 3300 RPM |
| 2 (Coag, PPP) | 15 min @ 1500 xg | 3300 RPM | 3200 RPM | 3000 RPM |
| 3 (PRP, Urine) | 5 min @ 500 xg | 1900 RPM | 1800 RPM | 1700 RPM |

| Specifications | HORIZON 6 | HORIZON 12 | HORIZON 24 |
|---|---|---|---|
| Sound level | 64 dBA | 56 dBA | 59 dBA |
| Dimensions (W x D x H) | 12 x 14 x 9 in<br>30 x 36 x 23 cm | 13 x 15 x 9 in<br>33 x 38 x 23 cm | 15 x 17 x 9 in<br>38 x 43 x 23 cm |
| Weight | 12 lbs (5.4 kg) | 30 lbs (13.7 kg) | 39 lbs (17 kg) |
| Power | 95 to 253 V – 50/60 Hz | | |

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# 642E

## DRUCKER MODEL 642E
### *SINGLE-SPEED* ELECTRONIC CENTRIFUGE

The 642E is the **world's best-selling clinical laboratory centrifuge**. Easy two-button operation ensures repeatability and standardization, while advanced design delivers high-quality blood separation every time. Its preset speed and runtime make the 642E the ideal choice for consistency in doctor's offices, patient service centers, and outreach locations.

### Easy to Use
Spin samples with the press of just one button. The 642E processes 75-100 mm (3-10 mL) tubes for chemistry, coag, and PPP.

### Simple Settings
The 642E features a preset runtime of 10 minutes at 1,600 xg for all common chemistry needs.

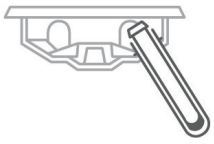
### Built to Last
No routine maintenance. The brushless motor and unique convection-based cooling system ensure years of high-quality separations.

### Engineered for Safety
Protect your lab with the clear, shatterproof lid, which locks until the centrifuge has stopped completely.

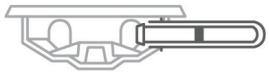
### A Great Value
Get the world's #1 clinical laboratory centrifuge at a price that fits any budget. The unit arrives ready for use with the horizontal rotor, tube holders, and 2-year warranty included in the affordable price.

### 2-Stage Horizontal Rotor
Our patented swing-out horizontal rotor design incorporates a unique test tube holder that produces the ideal horizontally separated samples.

**Loading Angle**



**Rotation Angle**



| Tubes | Applications | Centrifugation | Included | Warranty |
|---|---|---|---|---|
| **6**<br>75 & 100 mm<br>3-10 mL | Chemistry,<br>Coag, PPP | Horizontal<br>1,600 xg Max RCF<br>3,400 Max RPM | Rotor<br>Tube Holders | 2 years<br>Rotor: lifetime warranty<br>Extended warranty available |



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# DRUCKER MODEL 642E

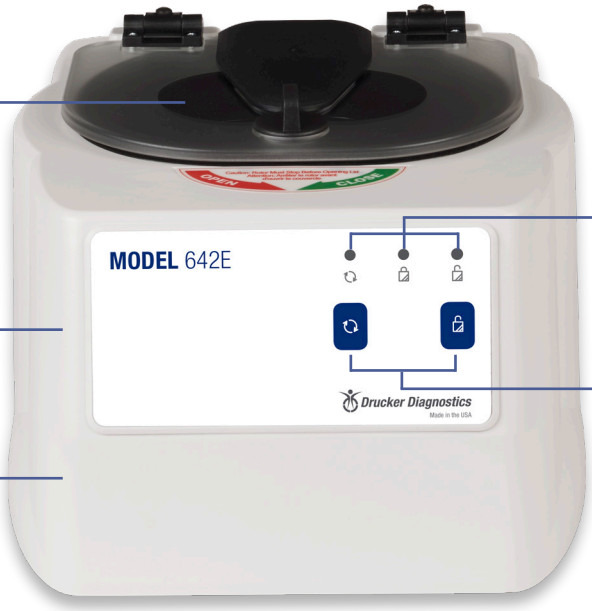
| Part Numbers | 642E |
|---|---|
| Centrifuge | 00-018-009-001 |
| 75-100 mm tube holder | 7713079 (1 qty) |
| SmartView Platform | 00-079-009-001 |
| 1 yr Warranty Extension | 03-0-0007-0001 |
| 2 yr Warranty Extension | 03-0-0007-0002 |
| 3 yr Warranty Extension | 03-0-0007-0006 |

| Specifications | 642E |
|---|---|
| Sound level | 64 dBA |
| Dimensions | 11.75 x 14 x 8.75 in<br>30 x 35.5 x 22 cm |
| Weight | 11 lbs (5 kg) |
| Max Acceleration | 10 seconds |
| Max Deceleration | 20 seconds |
| Power | 115 V – 50/60 Hz |

Safety lid automatically locks during operation and will not open until the centrifuge has stopped

Reinforced guard bowl for maximum safety

Brushless motor ensures quiet, maintenance-free operation




Lights illuminate to indicate running, locked, unlocked

Simple two-button controls

# OTHER DRUCKER MODELS

**642M**

For mobile centrifugation
For use with 12V outlet

**HORIZON**

3 preset cycles, available for 6, 12, 24 tubes
For blood and urine

**SampleSafe™ Lockbox**

24-hour sample protection
Top load and front load models

FDA LISTED

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RoHS Compliant

ISO13485 certified

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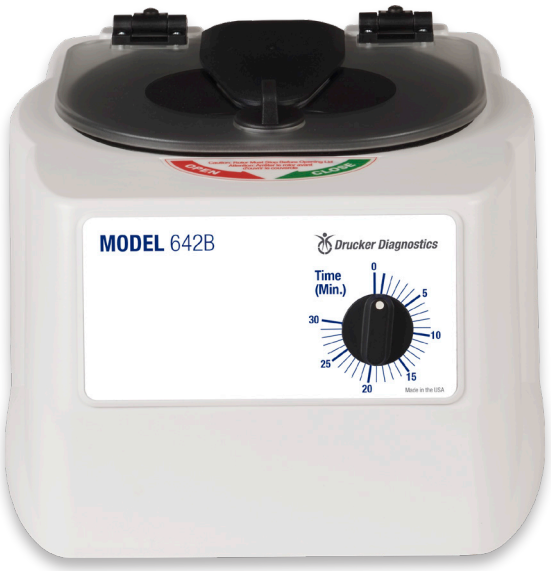
# 642B




## DRUCKER MODEL 642B

### *HORIZONTAL* SINGLE-SPEED CENTRIFUGE

Produce high-quality sample separations at our most affordable price. The 642B's simple, single-speed settings and adjustable mechanical timer meet a variety of blood specimen preparation needs. The unique rotor design allows for horizontal processing with minimal maintenance and no hassle.

### A Great Value

Unbeatable quality for any budget. Each unit arrives ready to run with a rotor, tube holders, and 2-year warranty included in the affordable price.

### Easy to Use

The 642B offers powerful single-speed processing with an easily adjustable mechanical timer. Set to run at a constant 1,600 xg, the 642B allows selection of cycle time from 1 to 30 minutes.

### Cool Operation

Unique design of the motor housing and rotation chamber keeps specimens cool during processing.

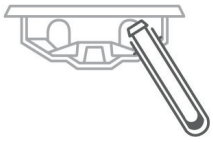
### Built to Last

Reinforced components and brushless motor provide years of maintenance-free operation. The clear, shatterproof lid enhances lab safety.

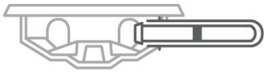
### 2-Stage Horizontal Rotor

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

**Loading Angle**



**Rotation Angle**



### For Better Repeatability

When consistency is key, please consider the single-speed, electronic **642E**. The 642E is the world's best-selling clinical laboratory centrifuge and features a simple, two-button interface and preset runtime for all common chemistry needs.

**Model 642E**

| Tubes | Applications | Centrifugation | Included | Warranty |
|---|---|---|---|---|
| **6**<br>75-100 mm<br>0.5-10 mL | Chemistry,<br>Coag, PPP | Horizontal<br>1,600 xg Max RCF<br>3,400 Max RPM | Rotor, Buckets,<br>Tube Holders | 2 years<br>Rotor: lifetime warranty<br>Extended warranty available |



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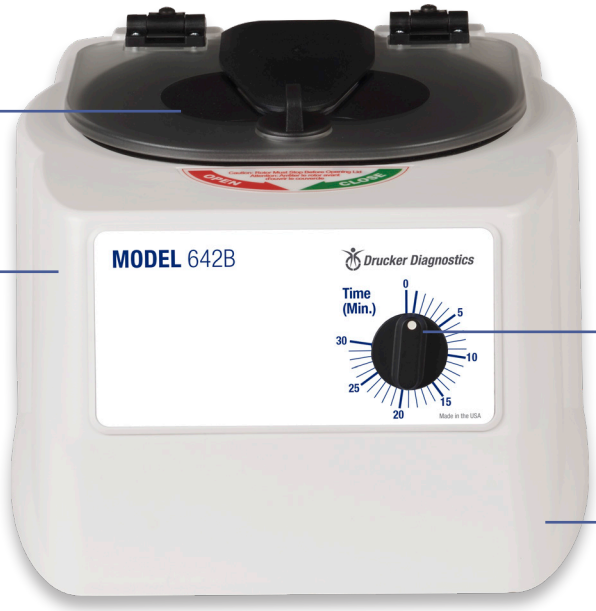
# DRUCKER MODEL 642B

| Part Numbers | 642B |
|---|---|
| Centrifuge | 00-016-009-001 |
| 75-100 mm tube holder | 7713079 (1 qty) |
| SmartView Platform | 00-079-009-001 |
| 1 yr Warranty Extension | 03-0-0007-0001 |
| 2 yr Warranty Extension | 03-0-0007-0002 |
| 3 yr Warranty Extension | 03-0-0007-0006 |

| Specifications | 642B |
|---|---|
| Sound level | 65 dBA |
| Dimensions | 11.75 x 14 x 8.75 in<br>30 x 35.5 x 22 cm |
| Weight | 11 lbs (5 kg) |
| Max Acceleration | 10 seconds |
| Max Deceleration | 80 seconds |
| Power | 115 V – 50/60 Hz |

Safely observe samples through the clear, shatterproof lid

Reinforced guard bowl and brushless motor for quiet, maintenance-free operation




Easily adjustable mechanical timer can be set from 1 to 30 minutes

Consistent processing at 1,600 xg (3,400 RPM)

# OTHER DRUCKER MODELS

**642E**
World's #1 clinical lab centrifuge
For blood

**HORIZON**
3 preset cycles, available for 6, 12, 24 tubes
For blood and urine

**HORIZON Flex**
Digital display, available for 6, 12, 24 tubes
10 cycles, for blood and urine

FDA LISTED

CE

MET c us E112532

RoHS Compliant

ISO13485 certified

# HORIZON

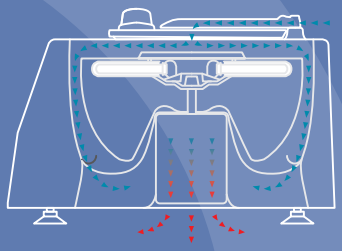
Mobile Centrifuges

## Mobile centrifugation for horizontal processing on-the-go.

**Our mobile centrifuge is the choice for traveling nurses. Compatible with a vehicle's 12V electrical supply, this unit provides error-free horizontal centrifugation, even on the road.**

### Cool Operations

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



### Horizontal Rotor Included

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

## FEATURES

F**actory Set Electronic Timer:** Preset to 10 minutes, preset can be adjusted from 1 - 30 minutes

**Capacity:** Up to six (6) 17 mm x 100 mm tubes

**12 Volt 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

**Cool Operation:** Unique air-flow design cools the rotor chamber and motor with ambient air; protecting your samples and maximizing sample integrity

**6 Foot Cord:** Easily reaches the rear of a vehicle

## SAFETY

**Regulatory Approvals:** Certified to United States and Canadian safety standards

**Reinforced Side Walls:** Glass fiber reinforced nylon and high-impact polycarbonate provide dual layers of protection

Drucker Diagnostics

# 642M

## DRUCKER MODEL 642M
### *12V DC MOBILE* CENTRIFUGE

The 642M facilitates efficient routes and longer range for mobile phlebotomists by providing centrifugation in the vehicle. Spin specimens within two hours of draw and run the most convenient route without the need to return to the central lab. Powered directly from a vehicle's 12V electrical supply, the 642M provides horizontal centrifugation for high quality gel tube separation and two-button operation for maximum repeatability.

### Easy to Use
The simple interface runs the preset cycle (10 minutes at 3,400 RPM/1,600 xg) at the touch of a button. Runtime can be adjusted from 1 to 30 minutes.

### Designed for Mobile Centrifugation
With in-vehicle centrifugation, phlebotomists are free to plan a day-long route without returning to the lab. This affordable device can greatly increase range of service and productivity without sacrificing specimen quality or patient outcome.

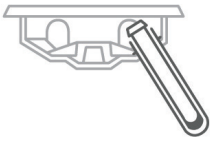
### Built to Last
No routine maintenance. The brushless motor and unique convection-based cooling system ensure years of high-quality separations.

### Engineered for Safety
Ensure maximum safety with the clear, shatterproof lid, which locks until the centrifuge has stopped completely.

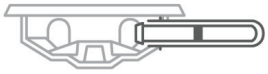
### A Great Value
Each unit arrives ready to run with horizontal rotor, universal tube holders, and 2-year warranty included in the affordable price.

### 2-Stage Horizontal Rotor
Our patented swing-out rotor design incorporates a unique test tube holder that produces horizontally separated samples, ideal for transportation.

**Loading Angle**



**Rotation Angle**



| Tubes | Applications | Centrifugation | Included | Warranty |
|---|---|---|---|---|
| **6**<br>75-100 mm<br>(3-10 mL) | Chemistry,<br>Coag, PPP | Horizontal<br>1,600 xg Max RCF<br>3,400 Max RPM | Rotor<br>Tube Holders | 2 years<br>Rotor: lifetime warranty<br>Extended warranty available |



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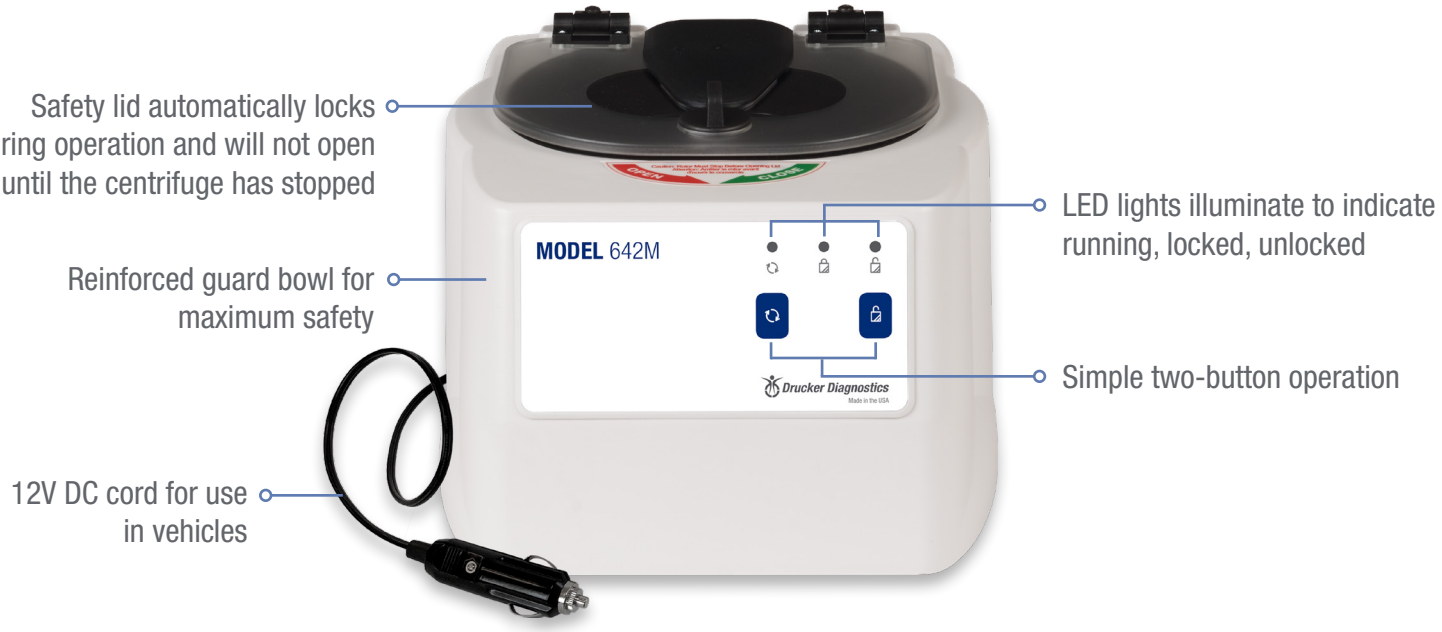
# DRUCKER MODEL 642M

| Part Numbers | 642M |
|---|---|
| Centrifuge | 00-077-009-000 |
| 75-100 mm tube holder | 7713079 (1 qty) |
| SmartView Platform | 00-079-009-001 |
| 1 yr Warranty Extension | 03-0-0007-0001 |
| 2 yr Warranty Extension | 03-0-0007-0002 |
| 3 yr Warranty Extension | 03-0-0007-0006 |

| Specifications | 642M |
|---|---|
| Sound level | 65 dBA |
| Dimensions | 11.75 x 14 x 8.75 in<br>30 x 35.5 x 22 cm |
| Weight | 12 lbs (5.4 kg) |
| Max Acceleration | 10 seconds |
| Max Deceleration | 20 seconds |
| Power | 12V |




## Further protect specimens on the road with Drucker SampleSafe™ Lockboxes

Top Load Lockbox  Front Load Lockbox

Extreme temperatures can render specimens unusable in as little as 15 minutes, which poses a unique problem for mobile phlebotomists. The Drucker SampleSafe™ offers a solution. Even when stored in hot or cold vehicles, the SampleSafe preserves specimen integrity for up to 24 hours and allows you to reach even more patients.

**SampleSafe™ Top Load Lockbox:** P/N 00-071-009-000
**SampleSafe™ Front Load Lockbox:** P/N 00-078-009-000

FDA LISTED  MET c US E112532  RoHS Compliant  ISO13485 certified

# HORIZON

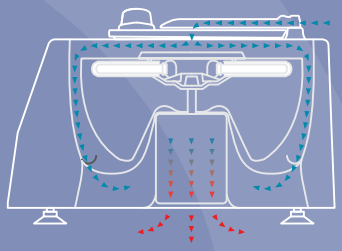
## Fixed-Angle Centrifuges

**Fixed-angle centrifugation for PRP, urine, or point of care analysis.**

Our line of fixed-angle centrifuges provides sample separation for specimens that will not need to travel before analysis.

### Cool Operations

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



### Fixed-Angle Rotor Included

Used for spinning 75 mm, 100 mm, and 125 mm test tubes in specially designed tube holders

## FEATURES

**Tube Sizes:** 0.5 mL to 15 mL; up to 17 mm x 125 mm

**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

**Two Year Warranty:** Every Drucker centrifuge is protected by a comprehensive two year warranty

## SAFETY

**Regulatory Approvals:** Certified to United States and Canadian safety standards

**Reinforced Side Walls:** Glass fiber reinforced nylon and high-impact polycarbonate provide dual layers of protection

# HORIZON

## HORIZON 6 FLEX FA, HORIZON 6 FA
## *FIXED ANGLE ROUTINE CENTRIFUGES*

Spin 125 mm tubes and meet fixed angle processing needs for PRP, urine, and more with HORIZON. Choose the HORIZON 6 Flex FA for its digital display and 10 programmable cycles. Select the HORIZON 6 FA to set and lock your validated settings for maximum standardization.

### Easy to Use

Program and recall 10 cycles on the HORIZON 6 Flex FA through the digital display. Set and lock your three preferred cycles on the HORIZON 6 FA through the simple two-button controls. Both spin 75-100 mm (3-10 mL) tubes in the same holder without cushions, or 125 mm (15 mL) tubes in the included additional tube holders.

### Easy to Monitor

Process samples more efficiently with HORIZON's LED lid lighting: off when the centrifuge is ready to load, on when running, and flashing at the end of cycle.

### Built to Last

No routine maintenance. Brushless motor, engineered composite components.

### Engineered for Safety

Protect your lab with imbalance detection and a shatterproof lid which can only be opened when the rotor is stopped, even if the unit loses power.

### A Great Value

Unbeatable quality for any budget. Each HORIZON centrifuge is ready to run with fixed angle rotor, universal 75-100 mm (3-10 mL) tube holders, 125 mm (15 mL) tube holders, and 2-year warranty included in the affordable price.

| | |
|---|---|
| Tube Capacity | 6 (75, 100, or 125 mm/3-15 mL) |
| Applications | PRP, Chemistry, PPP, Coag, Urine |
| Centrifugation | Fixed Angle (max 1,850 xg/3,900 RPM) |
| Included | Rotor, tube holders |
| Warranty * | 2 years (rotor: lifetime warranty) |

* *Extended warranty available*

**Choose the HORIZON 6 Flex FA for flexibility & cycle display.**
**Choose the HORIZON 6 FA for simplicity.**

| | |
|---|---|
| Sound Level: | 64 dBA |
| Dimensions (W x D x H): | 12 x 14 x 9 in (30 x 36 x 23 cm) |
| Weight: | 12 lbs (5.4 kg) |
| Power: | 95 to 253 V - 50/60 Hz |



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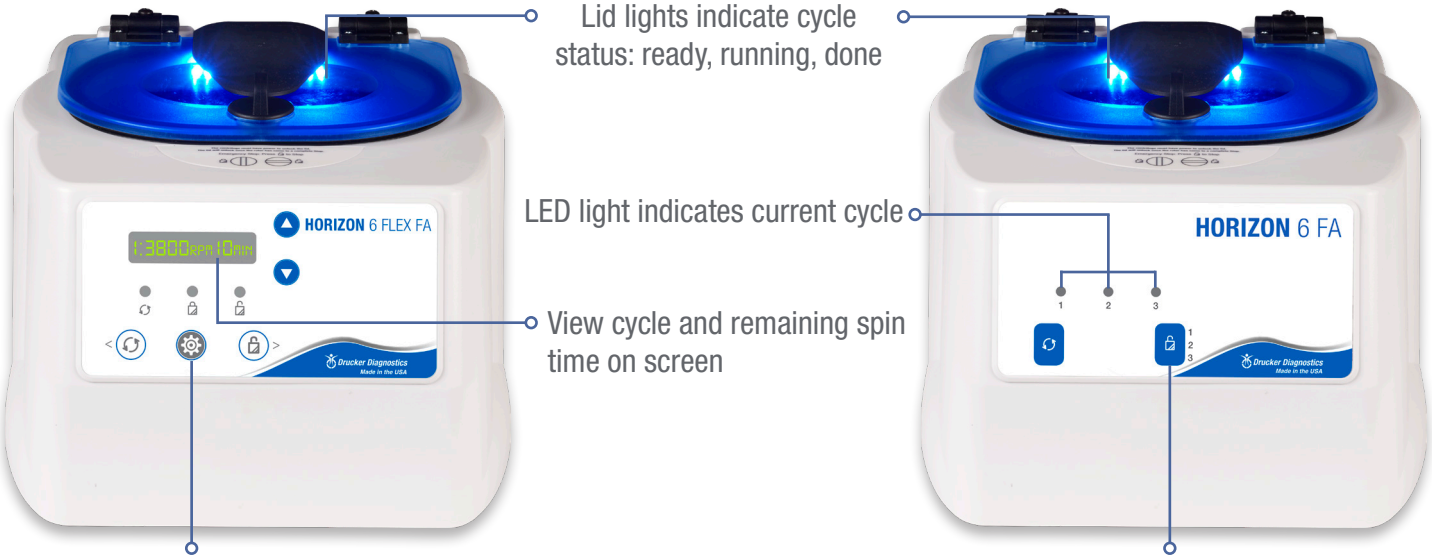
# HORIZON 6 FLEX FA, HORIZON 6 FA




Program your validated cycle, and give your cycle a custom name

Store up to 10 programs, or use default presets for chemistry, coag, and urine*

Select preset cycle: chemistry, coag, urine*

Settings may be locked to a single cycle or customized at the lab

** presets based on CLSI guidelines and tube manufacturer IFU*

## Free 30-Day Evaluation (U.S. Only)

| Part Numbers | HORIZON 6 Flex FA | HORIZON 6 FA |
|---|---|---|
| Centrifuge | 00-376-009-001 | 00-276-009-001 |
| Replacement 75-100 mm tube holder/bucket | 7713079 (1 qty) | 7713079 (1 qty) |
| Replacement 125 mm orange tube holder/bucket | 7713044 (1 qty) | 7713044 (1 qty) |
| SmartView Platform | 00-079-009-001 | 00-079-009-001 |
| 1 yr Warranty Extension | 03-0-0007-0001 | 03-0-0007-0001 |
| 2 yr Warranty Extension | 03-0-0007-0002 | 03-0-0007-0002 |
| 3 yr Warranty Extension | 03-0-0007-0006 | 03-0-0007-0006 |
| Custom Settings * | 00-100-100-101 | 00-100-100-101 |

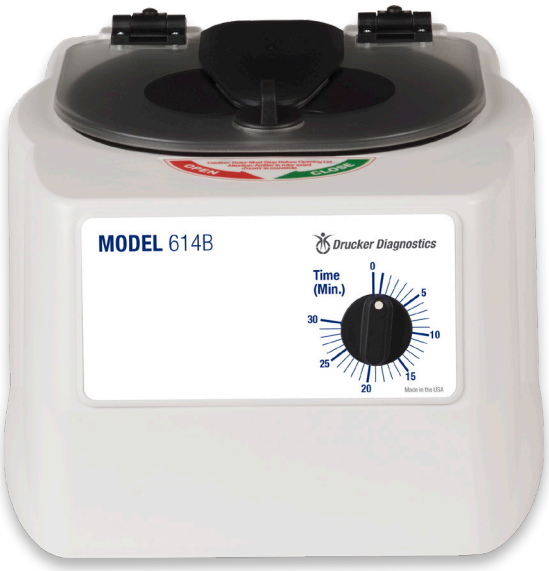
***** Add this part number to your centrifuge order to have your custom validated cycles pre-programmed at the factory

| Standard Preset Cycles | | With Blue Tube Holder (75-100 mm/3-10 mL tubes) | With Orange Tube Holder (125 mm/15 mL tubes) |
|---|---|---|---|
| 1 (Chemistry) | 10 min @ 3900 RPM | 1600 xg | 1850 xg |
| 2 (Coag, PPP) | 15 min @ 3800 RPM | 1500 xg | N/A |
| 3 (PRP, Urine) | 5 min @ 2200 RPM | 500 xg | 600 xg |

FDA LISTED CE MET E112532 RoHS Compliant ISO13485 certified

Drucker Diagnostics

# 614B




## DRUCKER MODEL 614B

### ***FIXED ANGLE*** *SINGLE-SPEED CENTRIFUGE*

With a single g-force setting and adjustable mechanical timer, the 614B provides runtime flexibility and fixed angle processing at an affordable price. Use anywhere specimens are analyzed on site.

### A Great Value

Each centrifuge arrives ready to run with fixed angle rotor, tube holders, and 2-year warranty included in the affordable price.

### Easy to Use

Set right every time, no need to select from a variety of complicated options. The 614B offers a single g-force setting of 1,100 xg and an easily adjustable mechanical dial with runtimes from 1 to 30 minutes.

### Cool Operation

Unique design of the motor housing and rotation chamber keeps specimens cool during processing.

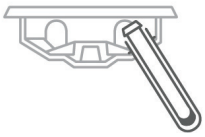
### Built to Last

Enjoy years of maintenance-free operation with the 614B's reinforced components and brushless motor.

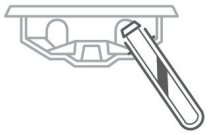
### Fixed-Angle Rotor Included

Used for spinning 75 mm, 100 mm, and 125 mm tubes in specially designed tube holders.

**Loading Angle**



**Rotation Angle**



### Fixed Angle vs Horizontal Centrifugation

Fixed-angle centrifuges produce gel layers that may be susceptible to rupture during transport. These damaged samples must be re-centrifuged – a process the CLSI does not recommend due to its known negative effects on analytical results. For better gel layer formation, especially for tubes that will be transported, please consider horizontal centrifugation with the **Model 642E** or **HORIZON** series.

| Tubes | Applications | Centrifugation | Included | Warranty |
|---|---|---|---|---|
| **6**<br>75-100, 125 mm<br>0.5-15 mL | Chemistry<br>Coag | Fixed Angle<br>1,100 xg Max RCF<br>3,250 Max RPM | Rotor, Buckets,<br>Tube Holders | 2 years<br>Rotor: lifetime warranty<br>Extended warranty available |



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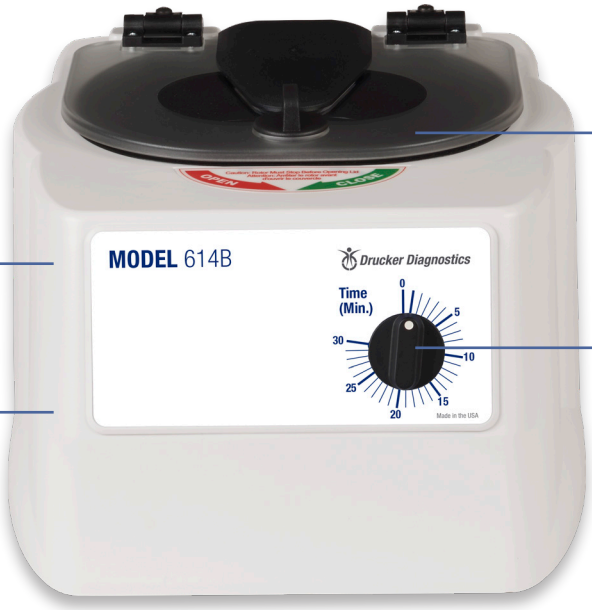
# DRUCKER MODEL 614B

| Part Numbers | 614B |
|---|---|
| Centrifuge | 00-004-009-001 |
| 75-100 mm tube holder | 7713079 (1 qty) |
| 125 mm tube holder | 7713032 (1 qty) |
| SmartView Platform | 00-079-009-001 |
| 1 yr Warranty Extension | 03-0-0007-0001 |
| 2 yr Warranty Extension | 03-0-0007-0002 |
| 3 yr Warranty Extension | 03-0-0007-0006 |

| Specifications | 614B |
|---|---|
| Sound level | 55 dBA |
| Dimensions | 11.75 x 14 x 8.75 in<br>30 x 35.5 x 22 cm |
| Weight | 11 lbs (5 kg) |
| Max Acceleration | 30 seconds |
| Max Deceleration | 40 seconds |
| Power | 115 V – 50/60 Hz |




Safely observe samples through the clear, shatterproof lid

Reinforced guard bowl for maximum safety

Easily adjustable mechanical timer can be set from 1 to 30 minutes

Brushless motor ensures quiet, maintenance-free operation

# OTHER DRUCKER MODELS

## 642E

World's #1 clinical lab centrifuge
For blood

## HORIZON 6 FA

3 preset cycles, 6 tube capacity
For blood and urine

## HORIZON 6 Flex FA

Digital display, 10 cycles, 6 tube capacity
For blood and urine

FDA LISTED

E112532

RoHS Compliant

ISO13485 certified

# SampleSafe

Specimen Protection Lockboxes

## Specimen Protection

**Extend sample viability up to 16x beyond the leading metal lockbox in hot or cold. SampleSafe can pay for itself in just one day of extreme temperatures.**

### Time to Overheat without Cold Pack

*100°F (38°C) Outside Temperature*

SampleSafe™ Lockbox

### Time to Freezing SampleSafe vs. Steel

*15°F (-9°C) Outside Temperature*

Insulated Steel Box

SampleSafe™ Lockbox

### Time to Overheat with Cold Pack

*100°F (38°C) Outside Temperature*

SampleSafe™ Lockbox

## Heat and cold can both render specimens unusable.

In 100°F (38°C) weather, heat exposure can damage the tube's gel separation barrier and cause proteins to precipitate from the plasma. At 15°F (-9°C), specimens can freeze and hemolyze even if stored in an insulated steel lockbox.

If a lab processes at least six samples per day, one day of extreme temperatures without the SampleSafe lockbox could ruin all six samples, at a cost of up to $150 in re-draws. With a SampleSafe protecting the specimens, no re-draws are required - a $150 savings, the retail price of the lockbox.

Reference Labs | Vaccine Transport | Hospital Transport | Organ & Tissue Transport | Traveling Nurses | General Purpose

# SampleSafe

## Top-Load Lockbox

**CATALOG NUMBER 00-071-009-000**

False bottom separates cold pack from specimens and prevents accidental freezing

## OPTIONAL ACCESSORIES

| ANTI-THEFT DEVICES | | PART NUMBER |
|---|---|---|
| | Under Door Bracket Kit | 02-004-0-0002 |
| | Anchor Bracket Kit (Use with Cable) | 02-004-0-0003 |
| | Anchor Cable (6 Feet) | 03-1-0012-0054 |

| FOR ADDITIONAL PERFORMANCE | | PART NUMBER |
|---|---|---|
| | False Bottom for Cold Pack | 03-1-0012-0039 |
| | Cold Pack (6” x 9” x .8”) | 03-1-0012-0053 |

## SPECIFICATIONS

| | |
|---|---|
| Height | 13.5 in. |
| Width | 12 in. |
| Depth | 12.5 in. |
| Weight | 8.5 lbs. |
| Internal Volume | 868 $in^3$ |
| Warranty | 5 years |



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# SampleSafe

## Front-Load Lockbox

**CATALOG NUMBER 00-078-009-000**

Retractable carrying handle

Integrated overhang prevents moisture contamination

Dense insulation extends specimen viability

Interior gasket seals out moisture

Recessed lock prevents icing in freezing weather

No more forgotten samples thanks to clear sample guard

Durable polymer exterior resists rust and moisture

Recessed notches in the front panel for easy access

Sealed hinge protection for consistent, smooth opening

## OPTIONAL ACCESSORIES

| ANTI-THEFT DEVICES | | PART NUMBER |
|---|---|---|
| | Door Hanging Bracket - 24” | 02-004-0-0007 |
| | Door Hanging Bracket - 36” | 00-078-109-000 |
| | Under Door Bracket Kit | 02-004-0-0002 |
| | Anchor Bracket Kit (Use with Cable) | 02-004-0-0003 |
| | Anchor Cable (6 Feet) | 03-1-0012-0054 |
| | Wall Mounting Kit (Bracket & Screws) | 02-004-0-0009 |

| FOR ADDITIONAL PERFORMANCE | | PART NUMBER |
|---|---|---|
| | Cold Pack (6” x 9” x .8”) | 03-1-0012-0053 |

## SPECIFICATIONS

| | |
|---|---|
| Height | 14 in. |
| Width | 15 in. |
| Depth | 8 in. |
| Weight | 11.5 lbs. |
| Internal Volume | 570 $in^3$ |
| Warranty | 3 years |

# Drucker QBC

## Dry Hematology Solutions

**Fast, accurate 9-Parameter CBC without the burdens of wet hematology.**

**QBC dry hematology solutions connect care providers with the information they need to accurately diagnose and treat patients even in the most remote corners of the world.**

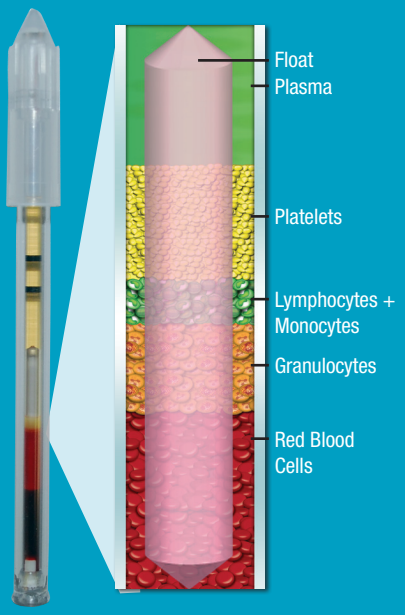
## How It Works

QBC's family of dry hematology analyzers use fluorescent imaging analysis of centrifuged QBC tubes to determine hematology parameters of whole blood.

**Centrifugation:** Under centrifugation, differing densities cause the different components of blood to separate into layers within the tube. These layers are seen in the illustration to the right.

**The Tubes:** High-precision tubes are internally coated with dried reagents, including stains that enable different cellular components of blood to separate into directly measurable layers within the tube after centrifugation. It can be easily filled with just 70 mL of blood from finger sticks, heel sticks, or venous draws. One tube takes care of sample draw, processing, and analysis, minimizing risk of biohazard exposure.

The tubes contain a precision float, which stretches out the length of packed layers of platelets, lymphocytes and monocytes, and granulocytes to enable accurate measurements of these otherwise very small layers. The density of the float is precisely controlled for the direct measurement of the hemoglobin concentration.




## FEATURES

**No Liquid Reagents:** Dry system allows for maximum shelf life of testing accessories

**Complete Sample Containment:** No device components are exposed to samples during normal operation, minimizing the risk of contamination

**Multiple Sample Collection Options:** Samples can be collected by venous draw, heel stick, or capillary source

**Fast Results:** Results available as quickly as 7 minutes from draw

## SAFETY

**Regulatory Approvals:** US FDA 510(k) cleared, medical device safety standards for CE, US, and Canada

**Minimal Fluids Exposure**: A single QBC dry hematology tube functions as a blood collection tube and carries blood through processing and analysis, reducing the risk of contamination or exposure

# QBC® STAR™ Dry Hematology

SIMPLE, SINGLE BUTTON OPERATION

NO LIQUID REAGENTS

9-PARAMETER 2 PART DIFFERENTIAL CBC

FOR CAPILLARY AND VENOUS BLOOD

Catalog Number 429001

## Included Parts:

- Thermal Printing Paper ..... 429580
- 104-Key Keyboard ..... 429645
- QBC Star Tubes (Box of 20) ..... 429011
- 8GB USB Memory Stick..... 6000-200-149

## General Specifications

**Dimensions**..... W 16" x D 16.3" x H 16.3"
40.6 cm x 41.4 cm x 41.4 cm
**Weight** ..... 19 lbs. (8.6 kg)
**Noise** ..... <70 db @ 3 ft
**Sample Volume** ..... 70 µL
**Display**..... LCD, Resolution 160x160
**Printout**..... 58 mm thermal recorder paper

## Electrical Specifications

**Voltage Input**..... 100 - 240 VAC
**Frequency**..... 50 - 60 Hz
**Current Output** ..... 5.21 A (Peak)

## Connectivity

**USB**..... 3 external ports
**Ethernet (Wired)**..... RJ45
**LIS Integration** ..... Possible

## Use With

**QBC STAR Tube (20 ct)**
P/N 429011

x 20

**QBC STAR Tube (100 ct)**
P/N 429625

x 100

## QBC STAR Operating Ranges

| PARAMETERS | OPERATING RANGE | PRECISION |
|---|---|---|
| Hematocrit (Hct) (%) | 15 – 65 | 2% C.V. |
| Hemoglobin (Hgb) (g/dL) | 5.0 – 20.0 | 1.9% C.V. |
| Mean Corpuscular Hemoglobin Concentration (MCHC) (g/dL) | 25 - 37.3 | N/A |
| WBC Count (x $10^9$ /L) | 1.6 – 99.9 | 6.4% C.V. |
| Granulocyte (x $10^9$ /L) | 0.8 – 70 | < 3.2 S.D. |
| Granulocyte % (Gran %) | 1 - 99 | N/A |
| Lymphocyte/Monocyte Count (x $10^9$ /L) | 0.8 – 99.9 | < 3.2 S.D. |
| Lymphocyte and Monocyte % (Lymph/Mono %) | 1 - 99 | N/A |
| Platelet Count (x $10^9$ /L) | 20 – 999 | 6.0% C.V. |

## Environmental Specifications

**Non-Operating Storage**

Temperature.....-20°C - 60°C

Humidity.....5% - 95% (non-condensing relative humidity)

**Operating**

Temperature.....15°C - 40°C

Humidity.....5% - 95% (non-condensing relative humidity)

**For all available accessories, please see page 22.**

# **QBC** STAR Hematology Accessories

| ACCESSORIES | UNIT OF MEASUREMENT | PART NUMBER |
|---|---|---|
| Carrying Case (Small) | Each | 9000-900-000 |
| Carrying Case (Large) | Each | 429627 |
| Patient ID Barcode Scanner | Each | 429642 |
| Patient ID Keyboard | Each | 429645 |
| USB 8GB Memory Stick | Each | 6000-200-149 |

| CONSUMABLES | UNIT OF MEASUREMENT | PART NUMBER |
|---|---|---|
| QBC STAR Tubes (Box of 100) | 100 STAR Tubes | 429625 |
| QBC STAR Tubes (Bag of 20) | 20 STAR Tubes | 429011 |
| Hematology Controls | 6 x Level 1 control vials<br>6 x Level 2 control vials | 424304 |
| Extended Range Controls | 2 x Level 1 control vials<br>2 x Level 2 control vials<br>2 x Level 3 control vials | 424305 |
| 1.8 mm Blade Lancets (Box of 100) | 100 x 1.8 mm lancets | 420000 |
| 2.3 mm Blade Lancets (Box of 100) | 100 x 2.3 mm lancets | 420001 |
| Printer Paper (3/pk) | 3 x 25 inch rolls | 429580 |

| KITS | UNIT OF MEASUREMENT | PART NUMBER |
|---|---|---|
| QBC STAR™ Hematology Analyzer | Thermal printing paper,<br>104-key keyboard, 8GB USB<br>memory stick, 20 STAR tubes | 429000 |
| Patient ID Upgrade Kit | 1 keyboard | 429640 |

| SERVICE | UNIT OF MEASUREMENT | PART NUMBER |
|---|---|---|
| Fuses, 250 V 3.15 A 5x20 mm (5/pk) | 5 x 250 V fuses | 429581 |
| QBC Line Cord (USA) | Each | 421634 |
| QBC Line Cord (U.K.) | Each | 421554 |
| QBC Line Cord (Europe) | Each | 421551 |
| Replacement External Power Supply | Each | 429644 |

Drucker Diagnostics
Innovative Solutions for a Healthier World

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