



# Drucker Diagnostics

## International Product Catalog



# Innovative Solutions



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

Fluorescence Microscopy



# 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
<b>Cycle Time (Minutes)</b>															
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	Ten	✓	12			95-253 VAC
	DASH Apex 24	3	7	6				4300	3000	Three		24	12	6	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**

**ALL BLOOD TUBES up to 75-125 mm, 0.5 mL-50 mL**  
Horizontal centrifugation, reinforced carbon fiber components  
Lid lighting indicates cycle status (ready, running, done)

**SET & LOCK**  
3 Preset Cycles  
Simple 2-Button Operation



**DASH Apex 6 | 4000 xg Max**



**DASH Apex 12 | 4000 xg Max**



**DASH Apex 24 | 3000 xg Max**

**FLEX**  
Digital Display  
10 Programmable Settings



**DASH Flex 12 | 4000 xg Max**

# DASH

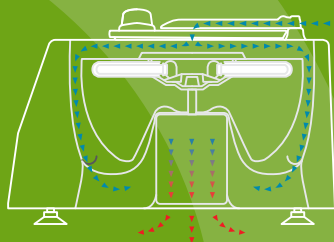
## STAT Centrifuges

When every minute counts, Drucker DASH STAT centrifuges deliver.

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

### Cool Operations

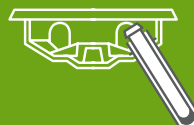
Unique design of the motor housing and rotation chamber allows for cool operation even under the heaviest workloads



### 2-Stage Horizontal Rotor

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

Loading Angle



Rotation Angle



### FEATURES

**Tube Sizes:** 0.5 mL to 50 mL; up to 125 mm

**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

**Ultra High-G:** 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, Canadian, and European safety standards

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

## 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 75-125 mm (0.5-50 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 the patented horizontal rotor, universal tube holders, and 2-year warranty included in the affordable price.

Tube Capacity	6, 12, or 24 (75-125 mm/0.5-50 mL)
Applications	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**



# DASH APEX 6, 12, & 24



Catalog Number	DASH Apex 6	DASH Apex 12	DASH Apex 24
For PST/SST™	00-076-009-001	00-083-009-000	00-084-009-000
For PST II/SST II™	00-076-009-002	00-083-009-001	00-084-009-003

Accessories	DASH Apex 6	DASH Apex 12	DASH Apex 24
Replacement 75-100 mm tube holder/Bucket	03-1-0007-0046	03-1-0007-0046	02-004-0-0012
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

PST/SST Factory Settings	DASH Apex 6			DASH Apex 12			DASH Apex 24		
	Tube Type	RPM	Time	G-Force	RPM	Time	G-Force	RPM	Time
Barricor™	5,300	3	4,000	5,200	3	4,000	4,200	5	3,000
Coag	5,300	5	4,000	5,200	5	4,000	4,200	6	3,000
PST/SST™	3,800	7	2,000	3,600	7	2,000	3,500	7	2,000

PST II/SST II Factory Settings	DASH Apex 6			DASH Apex 12			DASH Apex 24		
	Tube Type	RPM	Time	G-Force	RPM	Time	G-Force	RPM	Time
Barricor™	5,300	3	4,000	5,200	3	4,000	4,200	5	3,000
Coag	5,300	5	4,000	5,200	5	4,000	4,200	6	3,000
Chemistry	4,600	5	3,000	4,400	5	3,000	4,200	5	3,000

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 28 x 34 x 20 cm	13 x 15 x 9 in 33 x 38 x 23 cm	14.5 x 17 x 9 in 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		

FDA LISTED



RoHS  
Compliant



ISO13485  
certified

## 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 75-100 mm 3-10 mL	Chemistry, Coag, PPP	Horizontal 4,000 xg Max RCF 5,200 Max RPM	Rotor, Buckets or Tube Holders	2 years Rotor: lifetime warranty Extended warranty available

# DASH FLEX 12 & APEX 12



Lid lights indicate cycle status: ready, running, done

Airflow cooling maintains temperature during processing

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

View RPM and remaining spin time on the digital display

Specifications	DASH Flex 12	DASH Apex 12 (PST/SST)	DASH Apex 12 (PST II/SST II)
Sound level	61 dBA	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)	13 x 15 x 9 in (33 x 38 x 23 cm)
Weight	30 lbs (13.7 kg)	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 (PST/SST)	DASH Apex 12 (PST II/SST II)
Centrifuge	00-183-009-000	00-083-009-000	00-083-009-001
Replacement 75-100 mm tube holder/Bucket	03-1-0007-0046	03-1-0007-0046	02-004-0-0012
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 Flex 12			DASH Apex 12 (PST/SST)			DASH Apex 12 (PST II/SST II)		
	RPM	Time	G-Force	RPM	Time	G-Force	RPM	Time	G-Force
1st Setting/Cycle	5,200	3	4,000	5,200	3	4,000	5,200	3	4,000
2nd Setting/Cycle	5,200	5	4,000	5,200	5	4,000	5,200	5	4,000
3rd Setting/Cycle	3,600	7	2,000	3,600	7	2,000	4,400	5	3,000

FDA LISTED



RoHS  
Compliant



ISO13485  
certified

**ALL BLOOD & URINE TUBES up to 75-125 mm, 0.5 mL-50 mL**  
Horizontal centrifugation, engineered composite components  
Lid lighting indicates cycle status (ready, running, done)

**FLEX**  
Digital Display  
10 Programmable Settings



**HORIZON 6 Flex | 2000 xg Max**



**HORIZON 12 Flex | 2000 xg Max**



**HORIZON 24 Flex | 2000 xg Max**

# HORIZON

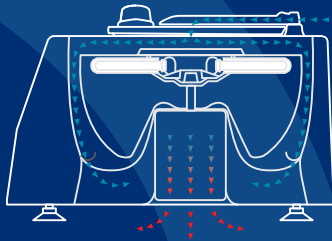
Digital Display Routine Centrifuges

**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

Loading Angle



Rotation Angle



## FEATURES

**Tube Sizes:** 0.5 mL to 50 mL; up to 125 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, Canadian, and European 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 75-125 mm (0.5-50 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 (75-125 mm/0.5-50 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**

# HORIZON 6, 12, & 24 FLEX



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

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 30 x 36 x 23 cm	13 x 15 x 9 in 33 x 38 x 23 cm	15 x 17 x 9 in 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		

FDA LISTED



RoHS  
Compliant



ISO13485  
certified

## ALL BLOOD & URINE TUBES

75-125 mm, 0.5 mL-50 mL

Lid lighting indicates cycle status

Simple 2-button operation



**HORIZON 6** | 2000 xg Max



**HORIZON 12** | 2000 xg Max



**HORIZON 24** | 2000 xg Max

## ALL BLOOD TUBES

75-100 mm, up to 10 mL

Horizontal, single-speed processing

Outreach-Physician offices



**Model 642E** | 1600 xg Max



**Model 642B** | 1600 xg Max



# HORIZON

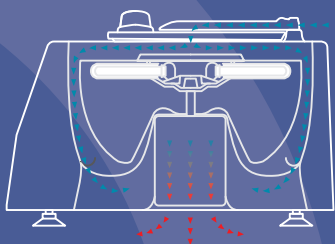
Set & Lock Routine Centrifuges

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

Our push-button 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

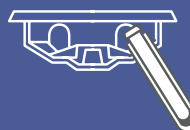
Unique design of the motor housing and rotation chamber allows for cool operation even under the heaviest workloads



## 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

Loading Angle



Rotation Angle



## FEATURES

**Tube Sizes:** 0.5 mL to 50 mL; up to 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:** Most models certified to United States, Canadian, and European 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 75-125 mm (0.5-50 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 the patented horizontal rotor, universal tube holders, and 2-year warranty included in the affordable price.

Tube Capacity	6, 12, or 24 (75-125 mm/0.5-50 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**

# HORIZON 6, 12, & 24

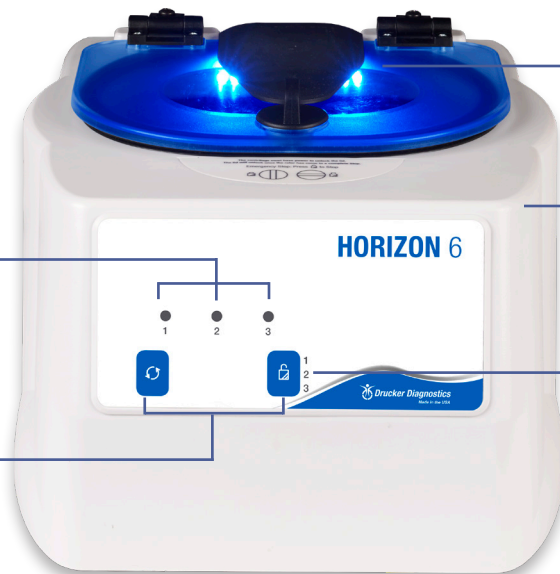
1. Chem 2. Coag 3. Urine

Name your cycles your way with included erasable label

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



Lid lights indicate cycle status: ready, running, done

Airflow cooling maintains temperature during processing

Press to select cycle

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

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 @ 1,800 xg	3,600 RPM	3,500 RPM	3,300 RPM
2 (Coag, PPP)	15 min @ 1,500 xg	3,300 RPM	3,200 RPM	3,000 RPM
3 (PRP, Urine)	5 min @ 500 xg	1,900 RPM	1,800 RPM	1,700 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 30 x 36 x 23 cm	13 x 15 x 9 in 33 x 38 x 23 cm	15 x 17 x 9 in 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		

FDA LISTED



RoHS Compliant



ISO13485 certified



## 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.

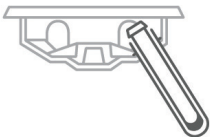
### A Great Value

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.

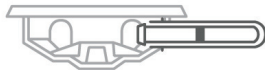
### 2-Stage Horizontal Rotor

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

**Loading Angle**



**Rotation Angle**

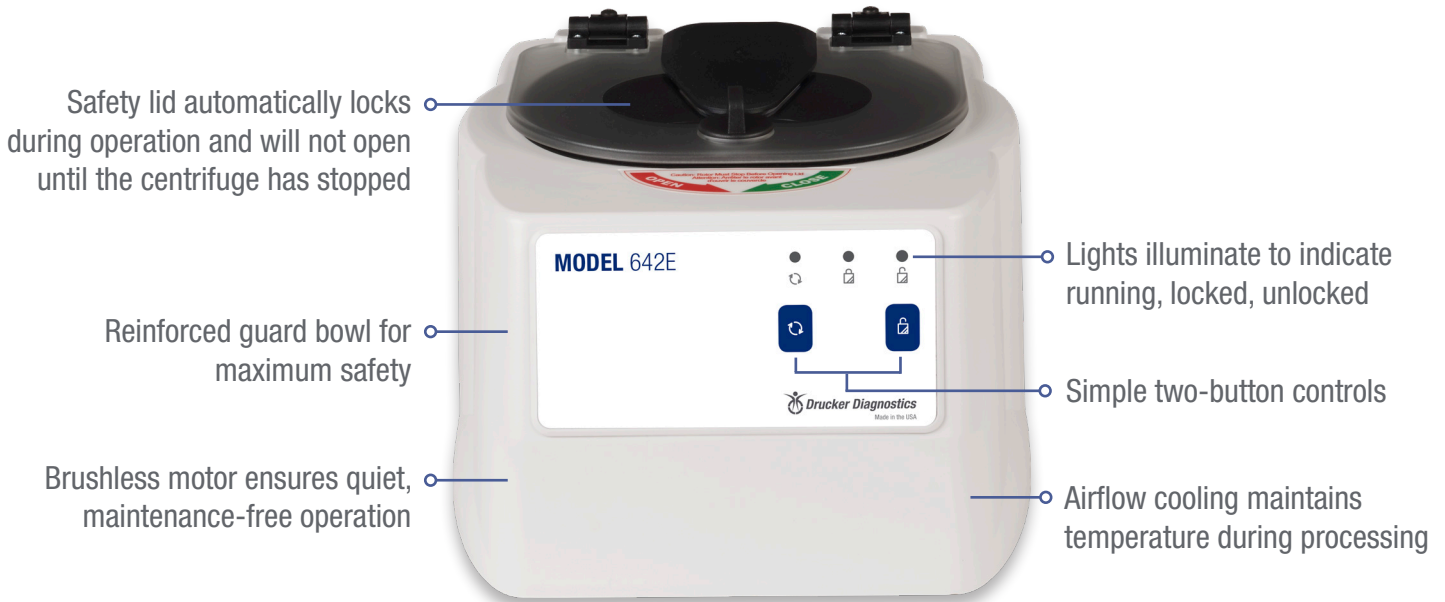


Tubes	Applications	Centrifugation	Included	Warranty
<p>6 75 &amp; 100 mm 3-10 mL</p>	<p>Chemistry, Coag, PPP</p>	<p>Horizontal 1,600 xg Max RCF 3,400 Max RPM</p>	<p>Rotor Tube Holders</p>	<p>2 years Rotor: lifetime warranty Extended warranty available</p>

# 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 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



## 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



**RoHS**  
Compliant



**ISO13485**  
certified



## 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 patented 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.

### 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.

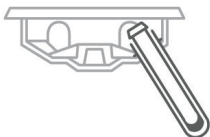


**Model 642E**

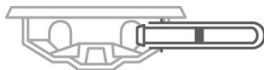
### 2-Stage Horizontal Rotor

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

**Loading Angle**



**Rotation Angle**

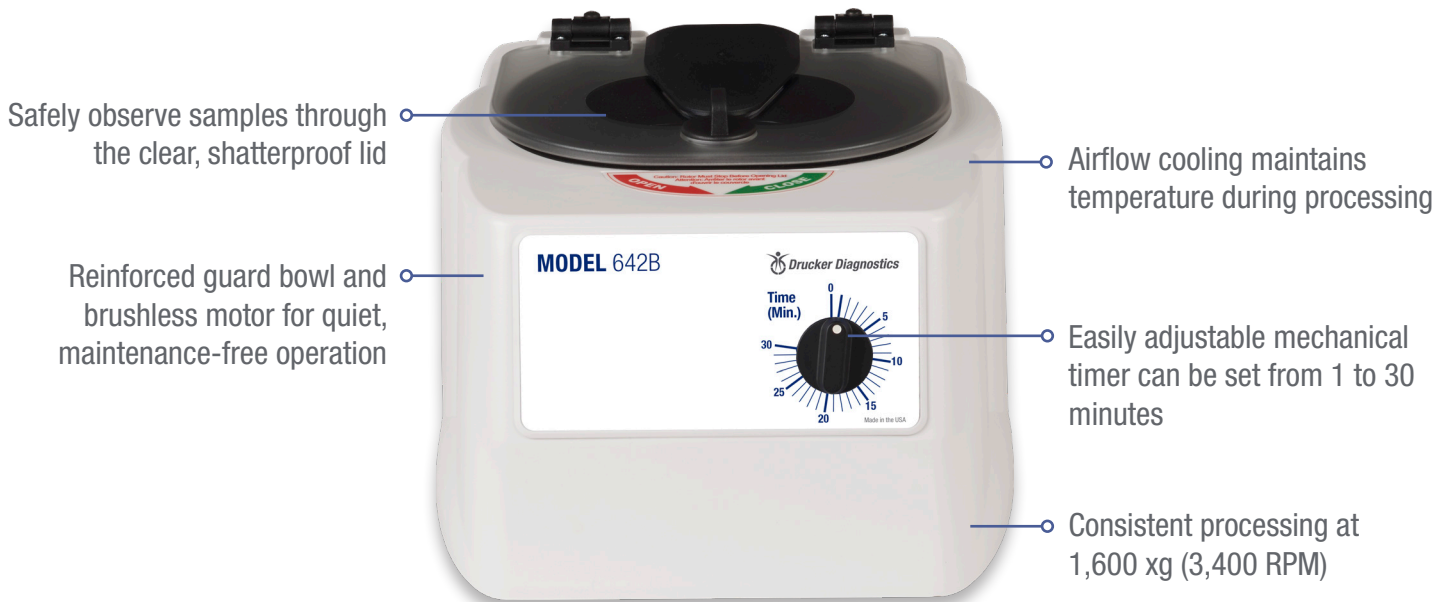


Tubes	Applications	Centrifugation	Included	Warranty
<p>6 75-100 mm 0.5-10 mL</p>	<p>Chemistry, Coag, PPP</p>	<p>Horizontal 1,600 xg Max RCF 3,400 Max RPM</p>	<p>Rotor, Buckets, Tube Holders</p>	<p>2 years Rotor: lifetime warranty Extended warranty available</p>

# 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 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



## 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



RoHS  
Compliant



ISO13485  
certified

**ALL BLOOD TUBES 75-100 mm, up to 10 mL**  
Horizontal centrifugation, single speed, designed to preserve  
separated specimen integrity during travel

**MOBILE**  
Mobile Phlebotomy  
(Chemistry)



**Model 642M | 1600 xg Max**



# HORIZON

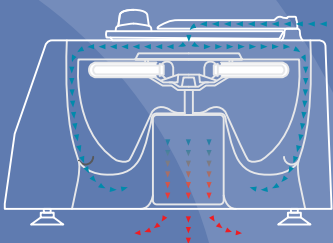
## Mobile Centrifuges

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

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

#### Cool Operations

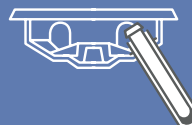
Unique design of the motor housing and rotation chamber allows for cool operation even under the heaviest workloads



#### Horizontal Rotor Included

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

Loading Angle



Rotation Angle



#### FEATURES

**Factory 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

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

## 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.

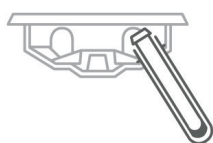
### A Great Value

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

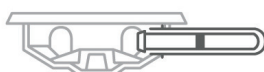
### 2-Stage Horizontal Rotor

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

#### Loading Angle



#### Rotation Angle

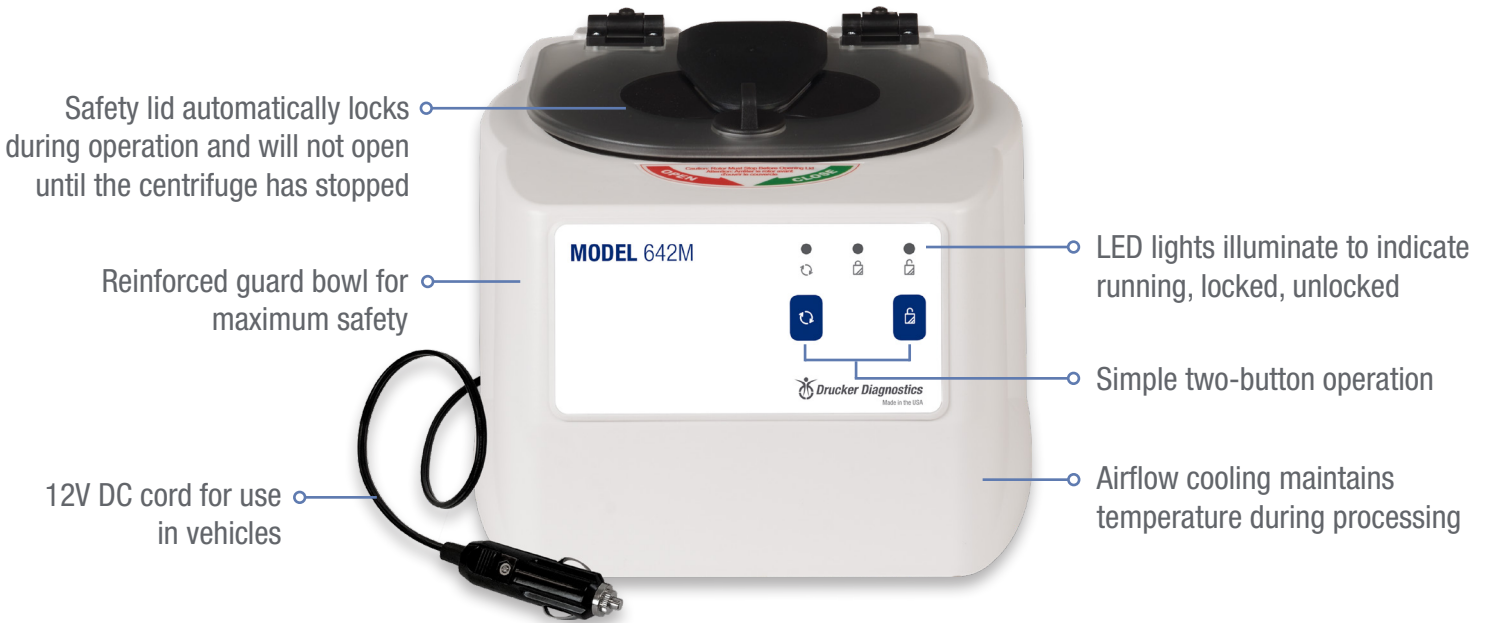


Tubes	Applications	Centrifugation	Included	Warranty
6 75-100 mm (3-10 mL)	Chemistry, Coag, PPP	Horizontal 1,600 xg Max RCF 3,400 Max RPM	Rotor Tube Holders	2 years Rotor: lifetime warranty Extended warranty available

# 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 30 x 35.5 x 22 cm
Weight	12 lbs (5.4 kg)
Max Acceleration	10 seconds
Max Deceleration	20 seconds
Power	12V



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

Reinforced guard bowl for maximum safety

12V DC cord for use in vehicles

LED lights illuminate to indicate running, locked, unlocked

Simple two-button operation

Airflow cooling maintains temperature during processing

## 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**

**RoHS  
Compliant**



**ISO13485  
certified**

**BLOOD & URINE TUBES 75-125 mm, 0.5 mL-15 mL**  
Fixed angle rotor for coag, PRP, and urine; composite components  
Lid lighting indicates cycle status (ready, running, done)

### SET & LOCK

3 Settings (3 min, 5 min, Custom)  
Simple 2-Button Operation



**HORIZON 6 FA | 2000 xg Max**

### FLEX

Digital Display  
10 Programmable Settings



**HORIZON 6 Flex FA | 2000 xg Max**

### ANALOG

For blood only  
Single-speed processing



**Model 614B | 1100 xg Max**

# HORIZON

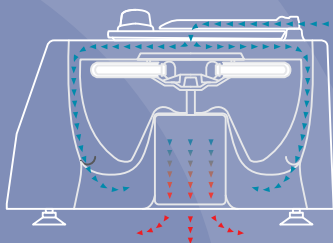
Fixed-Angle Centrifuges

**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

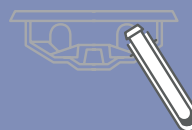
Unique design of the motor housing and rotation chamber allows for cool operation even under the heaviest workloads



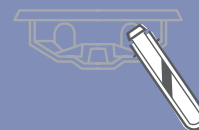
## Fixed-Angle Rotor Included

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

Loading Angle



Rotation Angle



## 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:** Most models certified to United States, Canadian, and European 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.

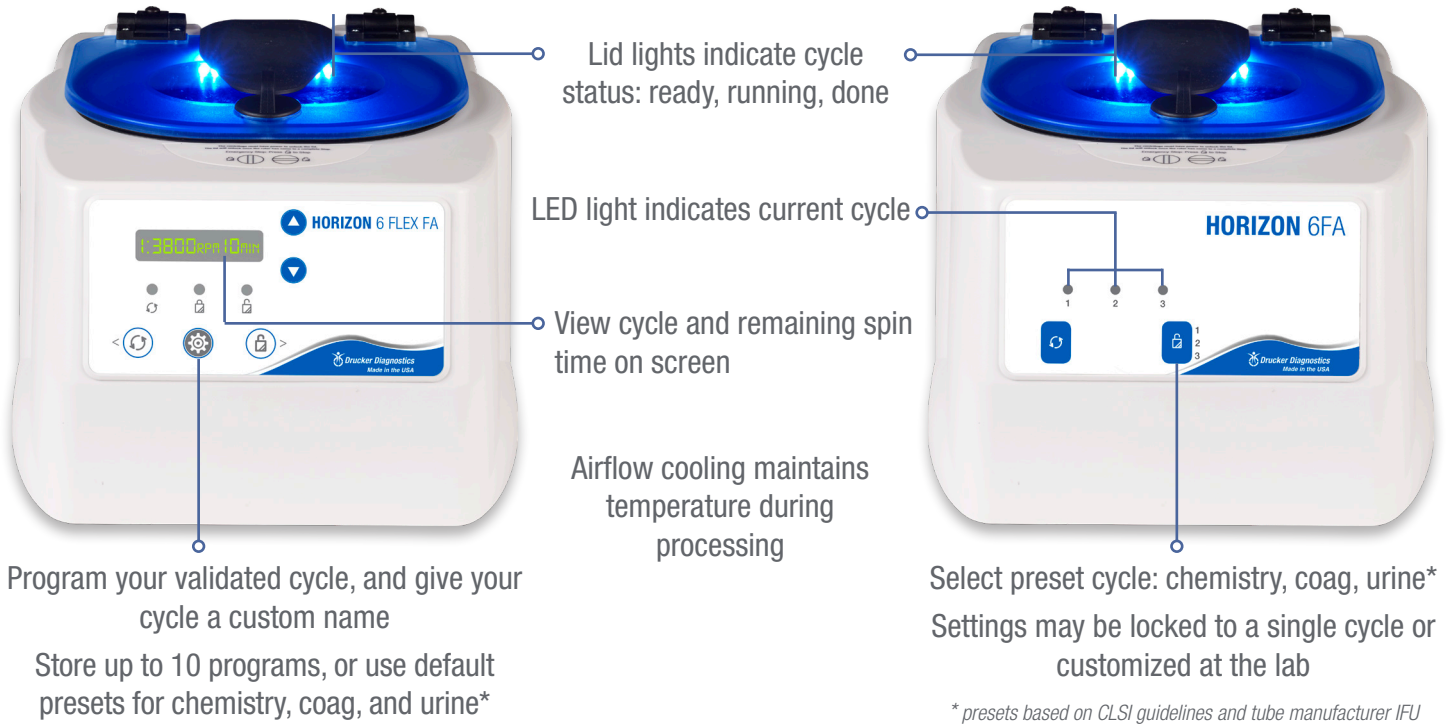
Tube Capacity	6 (75, 100, or 125 mm/3-15 mL)
Applications	PRP, Chemistry, PPP, Coag, Urine
Centrifugation	Fixed Angle (max 1,850 xg/3,900 RPM)
Included	Rotor, tube holders
Warranty *	2 years (rotor: lifetime warranty)

\* *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

# HORIZON 6 FLEX FA, HORIZON 6 FA



\* presets based on CLSI guidelines and tube manufacturer IFU

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 @ 3,900 RPM	1,600 xg	1,850 xg
2 (Coag, PPP)	15 min @ 3,800 RPM	1,500 xg	N/A
3 (PRP, Urine)	5 min @ 2,200 RPM	500 xg	600 xg

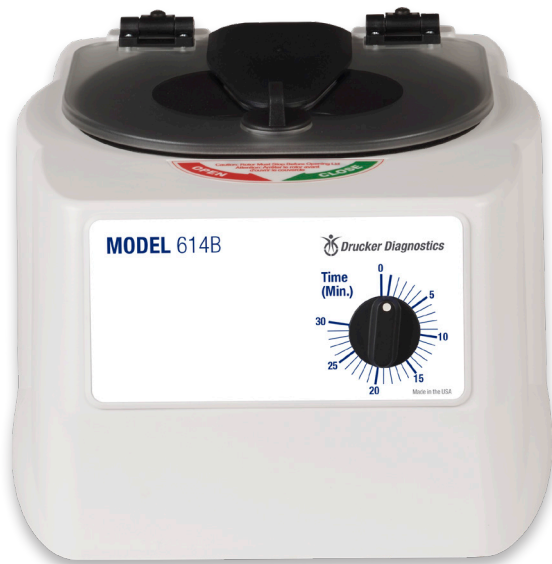
FDA LISTED



RoHS  
Compliant



ISO13485  
certified



## 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.

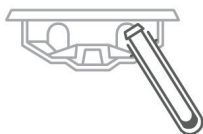
### Built to Last

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

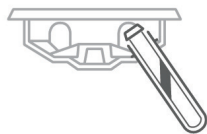
### Fixed-Angle Rotor Included

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.

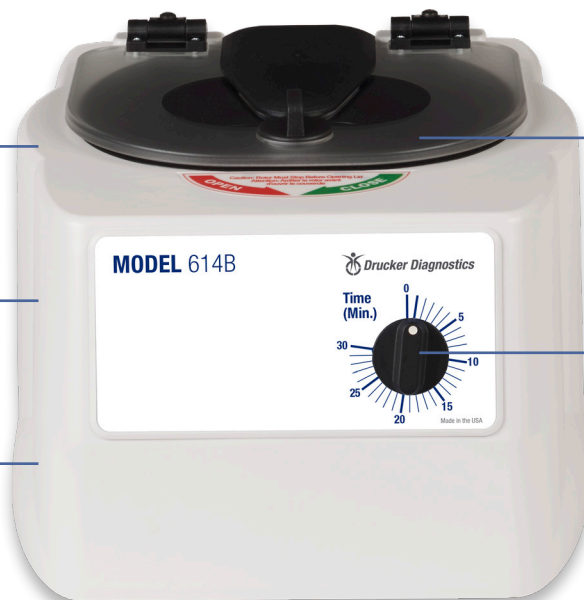
Tubes	Applications	Centrifugation	Included	Warranty
<p><b>6</b> 75-100, 125 mm 0.5-15 mL</p>	<p>Chemistry Coag</p>	<p>Fixed Angle 1,100 xg Max RCF 3,250 Max RPM</p>	<p>Rotor, Buckets, Tube Holders</p>	<p><b>2 years</b> Rotor: lifetime warranty Extended warranty available</p>



# 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 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



Reinforced guard bowl for maximum safety

Safely observe samples through the clear, shatterproof lid

Airflow cooling maintains temperature during processing

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



RoHS  
Compliant



ISO13485  
certified



**SampleSafe™ Top-Load**  
Insulated Lockbox



**SampleSafe™ Front-Load**  
Insulated Lockbox

# 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 \$350 in re-draws. With a SampleSafe protecting the specimens, no re-draws are required - a \$350 savings, more than double the retail price of the lockbox.



Reference  
Labs



Vaccine  
Transport



Hospital  
Transport



Organ & Tissue  
Transport



Traveling  
Nurses

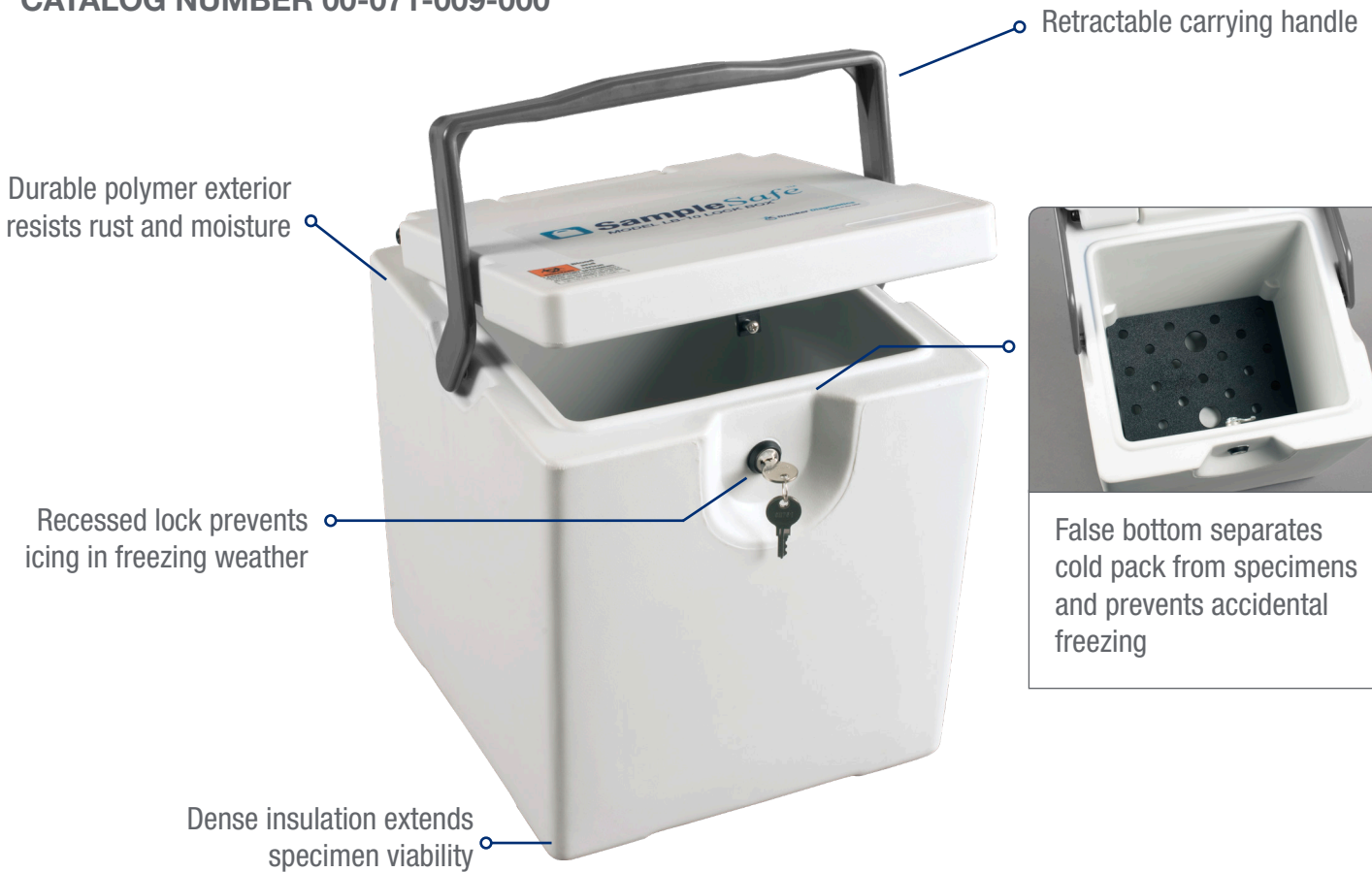


General  
Purpose




# SampleSafe



## Top-Load Lockbox

CATALOG NUMBER 00-071-009-000



### 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 <sup>3</sup>
Warranty .....	5 years







# SampleSafe

## Front-Load Lockbox

CATALOG NUMBER 00-078-009-000




### 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

### SPECIFICATIONS

Height .....	14 in.
Width .....	15 in.
Depth .....	8 in.
Weight .....	11.5 lbs.
Internal Volume .....	570 in <sup>3</sup>
Warranty .....	3 years

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



**QBC® Reader II**  
Dry Hematology System



**QBC® STAR™**  
Dry Hematology Analyzer



**QBC Capillary Centrifuge**



**QBC® Autoread Plus**  
Dry Hematology System

# 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.

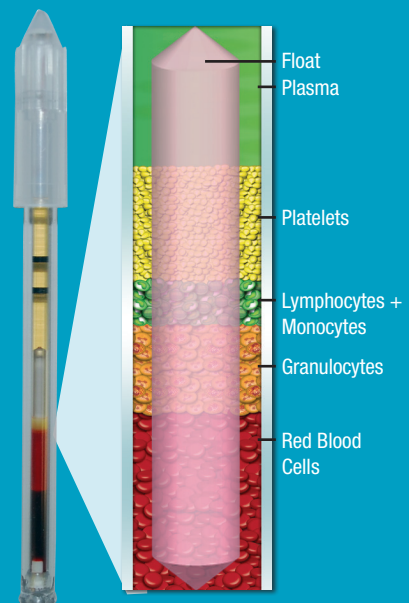
### How It Works

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  $\mu$ L 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® Reader II Dry Hematology

EASY TO USE  
NO LIQUID REAGENTS  
9-PARAMETER 2 PART DIFFERENTIAL CBC  
FOR CAPILLARY AND VENOUS BLOOD

Catalog Number 427001

## QBC STAR Operating Ranges

PARAMETERS	OPERATING RANGE	PRECISION
Hematocrit (Hct) (%)	15 – 65	0.6% C.V.
Hemoglobin (Hgb) (g/dL)	5.0 – 20.0	0.6% C.V.
Mean Corpuscular Hemoglobin Concentration (MCHC) (g/dL)	25 - 37.3	N/A
WBC Count (x 10 <sup>9</sup> /L)	1.0– 99.9	6.3% C.V.
Granulocyte (x 10 <sup>9</sup> /L)	0.5 – 70.0	< 3.3 S.D.
Granulocyte % (Gran %)	1 - 99	N/A
Lymphocyte/Monocyte Count (x 10 <sup>9</sup> /L)	0.5 – 99.9	< 3.3 S.D.
Lymphocyte and Monocyte % (Lymph/Mono %)	1 - 99	N/A
Platelet Count (x 10 <sup>9</sup> /L)	20 – 999	4.4% 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)

## Included Parts:

- QBC AccuTubes (Box of 20) ..... 3406-300-000
- Universal Power Pack ..... 421763

## General Specifications

**Width** ..... 9 in. (23 cm)  
**Depth** ..... 8 in. (20 cm)  
**Height** ..... 5.25 in. (13 cm)  
**Weight** ..... 3.7 lbs. (1.68 kg)  
**Warranty** ..... 2 years

## Electrical Specifications

**Voltage** ..... 100 – 240 VAC (± 10%)  
**Frequency** ..... 50/60 Hz  
**Power Output** ..... 25 Watts

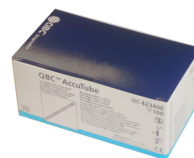
## Connectivity

**USB** ..... 2 external ports  
**Ethernet (Wired)** ..... RJ45  
**LIS Integration** ..... Possible

## Use With

**AccuTube (Box of 100)**  
P/N 423406

**QBC Capillary Centrifuge**  
P/N 425740



For all available accessories, please see page 25.



# 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  
**Warranty**..... 1 year

## 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



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



## 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 <sup>9</sup> /L)	1.6 – 99.9	6.4% C.V.
Granulocyte (x 10 <sup>9</sup> /L)	0.8 – 70	< 3.2 S.D.
Granulocyte % (Gran %)	1 - 99	N/A
Lymphocyte/Monocyte Count (x 10 <sup>9</sup> /L)	0.8 – 99.9	< 3.2 S.D.
Lymphocyte and Monocyte % (Lymph/Mono %)	1 - 99	N/A
Platelet Count (x 10 <sup>9</sup> /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 25.



# Capillary Centrifuge Dry Hematology

FOR USE WITH QBC ACCUTUBE  
HEMATOLOGY OR IMMUNOLOGY  
RUGGED AND RELIABLE IN THE FIELD

Catalog Number 425740

### General Specifications

- Dimensions (with lid closed)** .....W 9.25" x D 11.75" x H 5"
- Capacity** .....Up to 20 QBC AccuTubes
- Weight (with rotor and cover installed)** ..6.2 lbs. (2.8 kg)
- Nominal Speed** .....12,000 rpm ± 80 rpm
- Relative Centrifugal Force (RCF)** .....At nominal speed: 14,387 g
- Rotor Capacity** .....20 numbered tube slots
- Warranty** .....2 years
- Electronic Timer** .....300 seconds spin; 15-20 seconds deceleration
- Electro-Mechanical Safety Interlock** .....Lid must be closed and latched before motor can be energized. Lid remains locked until rotor stops

### Electrical Specifications

- Electrical** .....48 VDC ± 3 VDC, 2.7  
ADC Maximum, steady state
- Power Input Cable** .....4.8 in (12.2 cm)  
(power pack)
- Input** .....100 - 240 VAC, 47 - 63 Hz
- Output** .....48 VDC, 2.7 amp
- DC Output Cable** .....4 ft. (1.2 m)
- AC Line Cord**  
(Standard Cord) .....7.5 ft. (2.3 m)  
(Continental European Cord) .....8.2 ft. (2.5 m)

### Operating Environment

- Temperature** ..... 15°C - 40°C
- Humidity** ..... 10% - 95% (non-condensing relative humidity)

### Use With

**QBC AccuTube (100 ct)**  
P/N 423406



**QBC Autoread Plus**  
P/N 428605



**QBC Reader II**  
N/A



**QBC Malaria Test Kits**  
(available separately)



For all available accessories, please see page 25.

### Included Parts:

- Capillary Centrifuge Rotor
- Power Pack

# QBC<sup>®</sup> Autoread Plus Dry Hematology

NO LIQUID REAGENTS

2 PART DIFFERENTIAL 9-PARAMETER CBC

CAPILLARY OR VENOUS BLOOD

Catalog Number 428605



## Included Parts:

- QBC AccuTubes (Box of 20) .....3406-300-000
- Pipetter.....424225
- Universal Power Pack .....421763
- Capillary Centrifuge.....425740
- USB to USB "B" Cable .....4617-000-005

## General Specifications

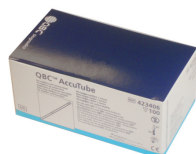
<b>Dimensions</b> .....	W 13.5" x D 9.5" x H 4" (34.3 cm x 24.13 cm x 10.2 cm)
<b>Weight</b> .....	.8 lbs. (3.6 kg)
<b>Noise</b> .....	.55.7 dBA
<b>Warranty</b> .....	.1 year
<b>Display</b> .....	.Reflective-type, LCD Display
<b>Sample Volume</b> .....	.70 µL (AccuTube) 60 µL (Standard Capillary/E-Z Prep Capillary) 111 µL (Standard Venous/EZ Prep Venous)

## Electrical Specifications

<b>Voltage</b> .....	.90 - 265 VAC
<b>Frequency</b> .....	.50 - 60 Hz
<b>Power</b> .....	.170 Watts
<b>Power Cord</b> .....	.8 ft. (2.4 m)
<b>DC Output Cord</b> .....	.3 ft. (0.3 m) 8 wire, shielded cord and 9-pin male plug

## Use With

QBC AccuTube (Box of 100)  
P/N 423406



## QBC Autoread Plus Operating Ranges

PARAMETERS	OPERATING RANGE	PRECISION
Hematocrit (Hct) (%)	25 – 55	0.6% C.V.
Hemoglobin (Hgb) (g/dL)	5.0 – 20.0	0.6% C.V.
Mean Corpuscular Hemoglobin Concentration (MCHC) (g/dL)	25 - 37.3	N/A
WBC Count (x 10 <sup>9</sup> /L)	2.0 – 30.0	6.3% C.V.
Granulocyte (x 10 <sup>9</sup> /L)	0.5 – 29.7	< 3.3 S.D.
Granulocyte % (Gran %)	1 - 99	N/A
Lymphocyte/Monocyte Count (x 10 <sup>9</sup> /L)	0.5 – 29.7	< 3.3 S.D.
Lymphocyte and Monocyte % (Lymph/Mono %)	1 - 99	N/A
Platelet Count (x 10 <sup>9</sup> /L)	80 – 600	4.4% C.V.

## Environmental Specifications

### Non-Operating Storage

Temperature..... -20°C - 60°C

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

### Operating

Temperature..... 20°C - 37°C

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

For all available accessories, please see page 26.

# Hematology Accessories

QBC Autoread Plus Hematology System		
Accessories	Unit of Measurement	Part Number
Calibration Check Rod, <i>each</i>	1 box, 6" X 6" X 6"	424613
QBC Workstation, <i>each</i>	1 carton, 8" X 8" X 12"	424226
QBC Pipetter, <i>each</i>	1 box, 8" X 8" X 6"	424225
Pipetter Barrel, <i>each</i>	1 box, 6" X 6" X 6"	421705
QBC AccuTube Pipetter Spacer, <i>each</i>	1 box, 6" X 6" X 6"	421706
Consumables		
QBC AccuTubes, <i>box of 100 AccuTubes</i>	1 box, 6" X 6" X 6"	423406
QBC Venous Tubes, <i>box of 100 venous tubes</i>	1 box, 8" X 8" X 6"	424240
QBC Venous Tubes, <i>box of 1000 venous tubes</i>	1 box, 11" X 11" X 11"	424237
QBC Capillary Tubes, <i>box of 100 capillary tubes</i>	1 box, 8" X 8" X 6"	424241
QBC Capillary Tubes, <i>box of 1000 capillary tubes</i>	1 box, 11" X 11" X 11"	424238
Hematology Controls, <i>6x Level 1 control vials (1.3 mL), 6x Level 2 control vials (1.3 mL)</i>	1 box, 4 3/4" X 3" X 4 13/16" *	424304
Extended Range Controls, <i>2x Level 1 control vials (1.3 mL), 2x Level 2 control vials (1.3 mL), 2x Level 3 control vials (1.3 mL)</i>	1 box, 4 3/4" X 3" X 4 13/16" *	424305
1.8 mm Blade Lancets, <i>box of 100 x 1.8 mm lancets</i>	1 box, 6" X 6" X 6"	420000
2.3 mm Blade Lancets, <i>box of 100 x 2.3 mm lancets</i>	1 box, 6" X 6" X 6"	420001
Kits		
QBC Autoread Plus Hematology System, <i>1 box of 10 AccuTubes, pipetter, universal power pack, capillary centrifuge, USB to USB "B" cable</i>	1 box, 26" X 24" X 21"	428605
QBC Autoread Plus Analyzer with Accessories, <i>QBC AutoRead Plus Analyzer, software cartridge, workstation, AccuTube starter kit, power pack, U.S. and European line cords</i>	1 box, 21" X 20" X 18"	429577
QBC Autoread Plus Analyzer, <i>each</i>	1 box, 14 1/16" X 18 1/2" X 9 1/8"	429576
QBC Capillary Centrifuge, <i>each</i>	1 box, 22" X 14" X 10"	425740
Service		
QBC Autoread Plus Analyzer Software Cartridge, <i>each</i>	1 box, 4" X 4" X 2"	421923
QBC Autoread Plus Analyzer Power Pack, <i>each</i>	1 box, 8" X 8" X 12"	424590
QBC Capillary Centrifuge Power Pack, <i>each</i>	1 box, 8" X 8" X 12"	421763
QBC Line Cord (USA), <i>each</i>	1 bag, 9" X 10" X 2 mil.	421634
QBC Line Cord (U.K.), <i>each</i>	1 box, 6" X 6" X 6"	421554
QBC Line Cord (Europe), <i>each</i>	1 bag, 8" X 10" X 2 mil.	421551
QBC Capillary Centrifuge Cover Assembly, <i>1 metal disc cover, 1 rotor cover access knob</i>	1 box, 9" X 9" X 2 3/4"	421291
QBC Capillary Centrifuge Rotor Cover Access Knob, <i>each</i>	1 bag, 5" X 6" X 1 1/2 mil.	421317
USB Cable, <i>each</i>	1 bag, 9" X 10" X 2 mil. *	421550

\* Subject to change, contact customer service to confirm UOM

### QBC STAR Hematology Analyzer

Accessories	Unit of Measurement	Part Number
Patient ID Barcode Scanner, <i>each</i>	1 box, 31.28" X 24.21" X 17.48" *	429642
Patient ID Keyboard, <i>each</i>	1 bag, 2" X 8" X 2 mil. *	429645
USB 8GB Memory Stick, <i>each</i>	1 box, 6" X 6" X 6" *	6000-200-149
Consumables		
QBC STAR Tube, <i>box of 100 STAR Tubes</i>	1 box of 18, 19" X 19" X 17"	429625
QBC STAR Tube, <i>bag of 20 STAR Tubes</i>	1 box, 8" X 8" X 6"	429011
Hematology Controls, <i>6x Level 1 control vials, 6x Level 2 control vials</i>	1 box, 4 3/4" X 3" X 4 13/16" *	424304
Extended Range Controls, <i>2x Level 1 control vials, 2x Level 2 control vials, 2x Level 3 control vials</i>	1 box, 4 3/4" X 3" X 4 13/16" *	424305
1.8 mm Blade Lancets, <i>box of 100 x 1.8 mm lancets</i>	1 box, 6" X 6" X 6"	420000
2.3 mm Blade Lancets, <i>box of 100 x 2.3 mm lancets</i>	1 box, 6" X 6" X 6"	420001
Printer Paper, <i>3 x 25 inch rolls</i>	1 bag, 6" X 8" X 3 mil. *	429580
Kits		
QBC STAR™ Hematology Analyzer, <i>thermal printing paper, 104-key keyboard, 8GB USB memory stick, 20 STAR tubes</i>	1 box, 22" X 22" X 17"	429000
Patient ID Upgrade Kit, <i>carton, QBC STAR keyboard, keyboard control label, polybag, reinforced tape, blank label</i>	1 box, 20" X 8" X 8"	429640
Service		
Fuses, <i>250 V 3.15 A 5x20 mm, 5 x 250 V fuses</i>	1 bag, 5" X 5" X 1 1/2 mil.	429581
QBC Line Cord (USA), <i>each</i>	1 bag, 9" X 10" X 2 mil.	421634
QBC Line Cord (U.K.), <i>each</i>	1 box, 6" X 6" X 6"	421554
QBC Line Cord (Europe), <i>each</i>	1 bag, 8" X 10" X 2 mil.	421551
Replacement External Power Supply, <i>each</i>	1 bag, 12 1/4" X 10 3/4" X 4 1/2"	429644

\* Subject to change, contact customer service to confirm UOM



**ParaLens Advance**



**F.A.S.T. Malaria Stain**



**QBC Malaria Test**



**F.A.S.T. AFB Kits**

# Fluorescence Microscopy

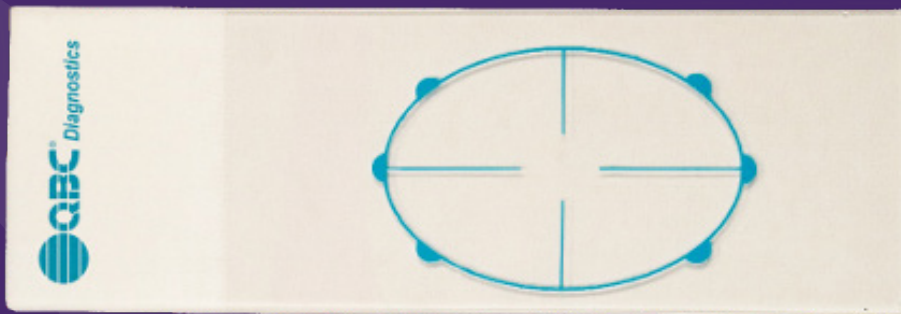
## Malaria and AFB Diagnosis Tools

### Fast and Accurate, Every Time.

QBC fluorescence microscopy tools deliver results faster with LED microscopy, brighter staining, easier reading, and faster dry times.

### Acid-Fast Bacteria

Fluorescence microscopy is at the heart of AFB testing. QBC *F.A.S.T.* AFB Kits work with the fluorescence of the ParaLens to provide sensitive, detailed detection of acid-fast bacilli like tuberculosis. The proprietary QBC SureFocus™ Microscope slides make it easier to keep samples in focus, helping ensure an accurate bacteria count in accordance with WHO guidelines.



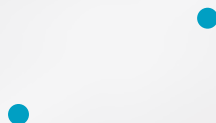
### Malaria

The malaria parasite is detectable under fluorescence. QBC offers two different types of malaria testing. The QBC Malaria Test utilizes centrifugation to concentrate malaria-infected red blood cells with fluorescent staining for fast and high-sensitivity malaria detection. The second is malaria stain to be used with blood smears, greatly increasing speed and sensitivity when compared to GIEMSA stain, especially for low-parasitemia samples.

#### Example

*Patient presents with low level malaria of 1 parasite per  $\mu\text{L}$  of blood*

**Giemsa**  
(~2  $\mu\text{L}$  of blood)



**2 parasites detected**

**QBC Test**  
(~50  $\mu\text{L}$  of blood)



**50 parasites detected**

# ParaLens Advance

## LED FLUORESCENCE ADAPTER FOR USE WITH LIGHT MICROSCOPES

- ATTACHES AS AN OBJECTIVE
- LED LIGHT SOURCE
- MULTIPLE POWER OPTIONS
- DURABLE CONSTRUCTION
- WHO RECOMMENDED TECHNOLOGY



**WHO  
Recommended  
Technology**

ParaLens Advance can work with any compound light microscope. Standard RMS threading allows easy attachment, and adapter rings are available for compatibility with non-standard sizes.

### Recommended Objectives

F.A.S.T. AFB Stain .....	40x
QBC Malaria Tests .....	60x
QBC Malaria Stain .....	100x

### Included With Every ParaLens Advance:

- Blue LED Light Source
- Detachable filter set arm
- Power pack
- Universal plug adapter kit
- Flat blade screwdriver
- ParaLens Advance preventative maintenance kit
- Objectives as specified
- Hard shell carrying case
- 1 year warranty

### Included With Every Portability Pack (Cat. No. 424340)

- Solar cell battery pack (Cat. No. 427728)
- Solar cell wall charger (Cat. No. 427726)
- USB to light source cable (Cat. No. 427725)
- 12v battery clip to lighter adapter (Cat. No. 427721)
- Lighter adapter to light source cable (Cat. No. 427727)

## ParaLens Advance Specifications

*(ParaLens Advance with 20x/40x, 60x or 100x Objectives, with case)*

**Dimensions**..... W 12" x D 3.9" x H 8.3"  
(30.5 cm x 9.9 cm x 21.1 cm)

**Weight**..... 3.1 lb (1.41 kg)

*(ParaLens Advance Complete Fluorescence System with Portability Pack, with case)*

**Dimensions**..... W 18.5" x D 4.8" x H 15"  
(47.0 cm x 12.2 cm x 38.1 cm)

**Weight**..... 7.7 lb (3.48 kg)

Part Number	Adapter Threading	Microscope brand
424288	RMS to M27	Zeiss
427729	RMS to M25	Leica
424289	RMS to M25 + 15 mm	Nikon

### ParaLens Advance Available Products

Available Systems	Cat. Number
QBC ParaLens Advance with 20x and 40x Objectives	424330
QBC ParaLens Advance with 60x Objective	424331
QBC ParaLens Advance with 100x Objective	424332
QBC ParaLens Advance Complete Fluorescence System with 20x, 40x, 60x, and 100x objectives	424333
QBC ParaLens Advance Microscope Accessory	424294
QBC ParaLens Advance with 10x, 20x, 40x, and 100x Objectives and Infinity Correction Lens	424345
QBC ParaLens Advance with 40x and 100x Objectives	424346
QBC ParaLens Advance with 20x, 40x, and 100x Objectives	424347

For all available accessories, please see page 31.





# F.A.S.T. Malaria Stain

## HIGH CONTRAST MALARIA STAIN FOR EASIER PARASITE DETECTION

- DETECT, QUANTIFY, AND SPECIATE
- HIGH CONTRAST STAINING
- FAST RESULTS
- EASY PREPARATION
- FOR USE WITH PARALENS
- WHO RECOMMENDED TECHNOLOGY



## Features Include:

### Unrivaled Speed

F.A.S.T. Malaria Stain prepares thin smears in just 1 minute, and thick smears in 10 minutes – a fraction of the time required for Giemsa stains.

### Fluorescent Clarity

F.A.S.T. Malaria Stain provides vastly improved contrast compared to light microscopy, with bright parasites and minimal stray artifacts.

### Simple Training

F.A.S.T. Malaria Stain utilizes the same basic preparation techniques as Giemsa stains, simplifying training for new users.

## Included With Every Stain Kit

- F.A.S.T. Malaria Stain, bottled

## QBC F.A.S.T. Malaria Stain Specifications

<b>Excitation Wavelength</b> .....	400 - 480 nm; 460 nm (peak)
<b>Emission Wavelength</b> .....	470 - 550 nm
<b>Storage Temperature</b> .....	39°F - 113°F (4°C - 45°C)
<b>Shelf Life</b> .....	1 year

## F.A.S.T. Malaria Stain Available Products

Available Quantities	Dimensions	Weight	Cat. Number
QBC F.A.S.T. Malaria Stain (120 mL)	W 6" x D 6" x H 10" (152.4 mm x 152.4 mm x 254 mm)	1.2 lbs (0.54 kg)	427760
QBC F.A.S.T. Malaria Stain (250 mL)	W 8" x D 13" x H 16" (20.3 mm x 32.0 mm x 40.6 mm)	1.45 lbs (0.67 kg)	427761
QBC F.A.S.T. Malaria Stain (3.8 L)	W 6 1/16" x D 6 1/16" x H 12 13/16" (153.9 mm x 153.9 mm x 325.4 mm)	9.7 lbs (4.34 kg)	427762

Microscope slides, ParaLens Advance fluorescence microscopy tool, and all other accessories sold separately. For all available accessories, please see page 32.

# QBC Malaria Test

**ACCURATE AND RAPID MALARIA TESTING  
CONVENIENT IN-TUBE MICROSCOPY**

- WHO RECOMMENDED TESTING METHOD
- EASY TO USE
- SELF-CONTAINED
- VENOUS OR CAPILLARY FILL
- FOR USE WITH PARALENS
- WHO RECOMMENDED TECHNOLOGY



## Included With Every Test Kit

- Prepared tubes
- Precision floats
- Tube closures

## Complete Fluorescence Systems

QBC Malaria Test System with ParaLens Advance™, Microscope, and Centrifuge (Cat. No. 424350)*	Cat. Number
ParaViewer (for viewing tubes on the microscope stage)	424278
QBC Capillary Centrifuge	425740
Immersion Oil (Type B)	427708

\* Includes all equipment required for operation

QBC Malaria Test System with ParaLens Advance™ and Centrifuge (Cat. No. 424450)**	Cat. Number
ParaViewer (for viewing tubes on the microscope stage)	424278
QBC Capillary Centrifuge	425740
Immersion Oil (Type B)	427708

\*\* Includes all required equipment except a microscope

## Product Specifications:

**Storage** ..... 60.8°F to 98.6°F (16°C to 37°C)  
**Shelf Life** ..... 2 years from date of manufacture  
**Excitation Wavelength** ..... 460 nm  
**Emission Wavelength** ..... 550 nm  
**Sensitivity** ..... 1 parasite/μL of blood  
**Specificity** ..... >98%

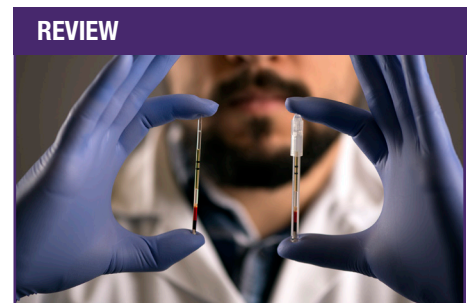
### Box of 100 (Cat. No. 253037)

**Dimensions** ..... W 8" x D 8.3" x H 6.5"  
 (20.3 cm x 21.1 cm x 16.5 cm)  
**Weight** ..... 1.8 lbs (0.82 kg)

### Box of 2000 (Cat. No. 253005)

**Dimensions** ..... W 8.5" x D 11.3" x H 9.5"  
 (21.6 cm x 28.6 cm x 24.1 cm)  
**Weight** ..... 4.6 lbs (2.1 kg)

For all available accessories, please see page 33.





# F.A.S.T. AFB Kits

## HIGH CONTRAST AFB STAIN FOR EASIER PARASITE DETECTION

- DETECT, QUANTIFY, AND SPECIATE
- HIGH CONTRAST STAINING
- FAST RESULTS
- EASY PREPARATION
- FOR USE WITH PARALENS
- WHO RECOMMENDED TECHNOLOGY



## Features Include:

### 3-Minute Staining

F.A.S.T. AFB Stain prepares sputum samples for review in just 3 minutes – a fraction of the 20-minute staining time required for traditional auramine stains.

### SureFocus™ Microscope Slide

Exclusive to F.A.S.T. AFB Kits, SureFocus slides simplify focusing and standardize review to meet World Health Organization requirements.

### Design The System You Need

The Total System Approach eases the burden for users as Drucker Diagnostics can provide all of the supplies needed for review.

## Included With Every Stain Kit

- F.A.S.T. Auramine O Stain
- F.A.S.T. Decolorizer/Quencher
  - 120 mL .....Cat. No. 427404
  - 250 mL .....Cat. No. 427424
  - 3.8 L .....Cat. No. 427425

## Included With Every Smear Kit

- Stain Kit
- Quality Control Slides
- F.A.S.T. SureFocus Microscope slides
- F.A.S.T. Sputum Digestion solution

## Included With Every Fluorescence System

- Stain Kit and Smear Kit
- Research Grade Microscope with 4x, 10x, 40x, and 100x objectives
- ParaLens Advance microscope attachment with 20x and 40x objectives

F.A.S.T. AFB Stain is flammable due to its high alcohol content and must ship as a hazardous chemical. Drucker offers F.A.S.T. AFB Concentrate in which the alcohol is removed and is added by the user. Contact Drucker Diagnostics directly to learn more.

## F.A.S.T. AFB Available Products

Available Products	Cat. Number
QBC F.A.S.T. AFB Detection System with ParaLens Advance, Microscope, and Centrifuge (115 V, 60 Hz)	427400
QBC F.A.S.T. AFB Detection System with ParaLens Advance, Microscope, and Centrifuge (230 V, 50 Hz)	427414
QBC F.A.S.T. AFB Detection System with ParaLens Advance and Centrifuge (115 V, 60 Hz)	427420
QBC F.A.S.T. AFB Detection System with ParaLens Advance and Centrifuge (230 V, 50 Hz)	427421
QBC F.A.S.T. AFB Smear Kit	427409
QBC F.A.S.T. AFB Smear Kit with Digestion Solution	427408
QBC F.A.S.T. AFB E-Z Smear Kit	427410
QBC F.A.S.T. AFB Smear Starter Kit	427422

For all available accessories, please see page 33.

## Product Specifications:

Excitation Wavelength ..... 460 nm  
 Emission Wavelength ..... 550 nm  
 Storage ..... 2°C to 25°C  
 Shelf Life ..... 2 years from date of manufacture

# Fluorescence Microscopy Accessories

QBC ParaLens Advance		
Accessories	Unit of Measurement	Part Number
QBC ParaLens Advance 10x (Dry) Objective, <i>each</i>	1 box, 6" X 6" X 6"	424344
QBC ParaLens Advance 20x (Dry) Objective, <i>each</i>	1 box, 6" X 6" X 6"	424298
QBC ParaLens Advance 40x (Dry) Objective, <i>each</i>	1 box, 6" X 6" X 6"	424285
QBC ParaLens Advance 60x (Oil) Objective, <i>each</i>	1 box, 6" X 6" X 6"	424274
QBC ParaLens Advance 100x (Oil) Objective, <i>each</i>	1 box, 6" X 6" X 6"	424286
QBC ParaLens Advance Case, <i>each</i>	1 box, 6" X 6" X 6"	427730
QBC ParaLens Advance Complete Fluorescence System Case, <i>each</i>	1 box, 20" X 16" X 14"	427731
QBC Microscope Accessory, <i>each</i>	1 box, 20" X 16" X 14"	424294
QBC FM Scan (scan, imaging software, 30 & 30.5 mm stereo adapter, USB 2.0 cord), <i>each</i>	1 box, 8" X 8" X 6"	427500
RMS to M27 Ring Adapter, <i>each</i>	1 box, 6" X 6" X 6"	424288
RMS to M25 Ring Adapter, <i>each</i>	1 box, 6" X 6" X 6"	427729
RMS to M25 + 15 mm Ring Adapter, <i>each</i>	1 box, 6" X 6" X 6"	424289
QBC ParaViewer (Clear), <i>each</i>	1 box, 6" X 6" X 6"	424278
QBC Mobile Power Station, <i>each</i>	1 box, 16" X 12" X 12"	427426
QBC ParaLens Advance Portability Pack (case, battery pack, wall charger, USB to light source cable, 2 adapters), <i>each</i>	1 box, 20" X 16" X 14"	424340
Solar Cell Battery Pack, <i>each</i>	1 box, 6" X 6" X 6"	427728
Solar Cell Wall Charger, <i>each</i>	1 box, 6" X 6" X 6"	427726
USB to Light Source Cable, <i>each</i>	1 box, 6" X 6" X 6" *	427725
12 V Battery Clip to Lighter Adapter, <i>each</i>	1 box, 6" X 6" X 6"	427721
Lighter Adapter to Light Source Cable, <i>each</i>	1 box, 6" X 6" X 6"	427727
QBC Workstation, <i>each</i>	1 box, 8" X 8" X 12"	424226
<b>Consumables</b>		
Immersion Oil (Type B), 1 x 30 mL bottle	1 box, 6" X 6" X 6" *	427708
Immersion Oil (Type B) (Pack of 4), 4 x 30 mL bottles	1 box, 6" X 6" X 6" *	427752
<b>Kits</b>		
QBC ParaLens Advance with 20x and 40x Objectives, 1x kit	1 box, 15" X 12" X 4"	424330
QBC ParaLens Advance with 60x Objective, 1x kit	1 box, 15" X 12" X 4"	424331
QBC ParaLens Advance with 100x Objective, 1x kit	1 box, 15" X 12" X 4"	424332
QBC ParaLens Advance with 10x, 20x, 40x, and 100x Objectives and Infinity Correction Lens, 1x kit	1 box, 20" X 16" X 6"	424345
QBC ParaLens Advance with 40x and 100x Objectives, 1x kit	1 box, 15" X 12" X 4"	424346
QBC ParaLens Advance with 20x, 40x, and 100x Objectives, 1x kit	1 box, 20" X 16" X 14"	424347
QBC ParaLens Advance Complete Fluorescence System with Portability Pack (20x, 40x, 60x, and 100x objectives, 30 mL bottle immersion oil, ParaViewer, battery pack, wall plug, USB cable, 2 adapters, and case), 1x kit	1 box, 20" X 16" X 6"	424333
<b>Service</b>		
QBC ParaLens Advance Main Body (RMS threaded connector and locking ring), <i>each</i>	1 box, 6" X 6" X 6"	424296
QBC ParaLens Advance Filter Set Arm (Blue), <i>each</i>	1 box, 6" X 6" X 6"	424297
QBC ParaLens Advance LED Light Source (Blue), <i>each</i>	1 box, 6" X 6" X 6"	427751
QBC ParaLens Advance Power Pack and Adapters, <i>includes 1 of each adapter</i>	1 box, 6" X 6" X 6"	427711
Infinity Correction Lens, <i>each</i>	1 box, 6" X 6" X 6"	424265
QBC ParaLens Advance Preventative Maintenance Kit (5 cleaning swabs, lens cleaner, 50 sheets of lens paper, microfiber cloth), <i>each</i>	1 box, 15" X 12" X 4"	424341

### QBC ParaLens Microscope Attachment

Accessories	Unit of Measurement	Part Number
QBC ParaLens LED Upgrade Kit, <i>each</i>	1 box, 15" X 12" X 4"	424343
QBC ParaLens Advance 20x (Dry) Objective, <i>each</i>	1 box, 6" X 6" X 6"	424298
QBC ParaLens Advance 40x (Dry) Objective, <i>each</i>	1 box, 6" X 6" X 6"	424285
QBC ParaLens Advance 60x (Oil) Objective, <i>each</i>	1 box, 6" X 6" X 6"	424274
QBC ParaLens Advance 100x (Oil) Objective, <i>each</i>	1 box, 6" X 6" X 6"	424286
QBC ParaLens Advance Microscope Accessory, <i>each</i>	1 box, 20" X 16" X 14"	424294
QBC ParaLens Microscope Accessory Case, <i>each</i>	1 box, 26" X 16" X 10"	427718
RMS to M27 Ring Adapter, <i>each</i>	1 box, 6" X 6" X 6"	424288
RMS to M25 Ring Adapter, <i>each</i>	1 box, 6" X 6" X 6"	427729
RMS to M25 + 15mm Ring Adapter, <i>each</i>	1 box, 6" X 6" X 6"	424289
QBC ParaViewer (Clear), <i>each</i>	1 box, 6" X 6" X 6"	424278
QBC Mobile Power Station, <i>each</i>	1 box, 16" X 12" X 12"	427426
Solar Cell Battery Pack, <i>each</i>	1 bag, 6" X 8" X 3 mil.	427728
Solar Cell Wall Charger, <i>each</i>	1 box, 6" X 6" X 6"	427726
USB to 3.5 mm Cable, <i>each</i>	1 box, 6" X 6" X 6" *	427724
3.5 mm to Light Source Cable, <i>each</i>	1 box, 6" X 6" X 6"	427725
12 V Battery Clip to Lighter Adapter, <i>each</i>	1 box, 6" X 6" X 6"	427721
Lighter Adapter to Light Source Cable, <i>each</i>	1 box, 6" X 6" X 6"	427727
QBC Workstation, <i>each</i>	1 box, 8" X 8" X 12"	424226
<b>Consumables</b>		
Immersion Oil (Type B), 1 x 30 mL bottle	1 box, 6" X 6" X 6" *	427708
Immersion Oil (Type B) (Pack of 4), 4 x 30 mL bottles	1 box, 6" X 6" X 6" *	427752
<b>Service</b>		
QBC ParaLens Advance LED Light Source, <i>each</i>	1 box, 6" X 6" X 6"	427751
QBC ParaLens Advance Power Pack and Adapters, <i>each</i>	1 box, 6" X 6" X 6"	427711
QBC ParaLens Advance Preventative Maintenance Kit (5 cleaning swabs, lens cleaner, 50 sheets of lens paper, microfiber cloth), <i>each</i>	1 box, 15" X 12" X 4"	424341

### QBC F.A.S.T. Malaria Stain

Kits	Unit of Measurement	Part Number
QBC F.A.S.T. Malaria Stain (120 mL), 1 x 120 mL bottle	1 box, 8" X 8" X 12"	427760
QBC F.A.S.T. Malaria Stain (250 mL), 1 x 230 mL bottle	1 box, 8" X 8" X 12"	427761
QBC F.A.S.T. Malaria Stain (3.8 L), 1 x 3.8 L bottle	1 box, 16" X 14" X 10"	427762
<b>Consumables</b>		
QBC F.A.S.T. Microscope Slides, 1 box of 32 slides	1 box, 8" X 8" X 6"	427401

\* Subject to change, contact customer service to confirm UOM

QBC Malaria Test		
Accessories	Unit of Measurement	Part Number
ParaViewer, <i>each</i>	1 box, 6" X 6" X 6"	424278
QBC Workstation, <i>each</i>	1 box, 8" X 8" X 12"	424226
Consumables		
QBC Malaria Test, <i>box of 100 capillary tubes</i>	1 box, 8" X 8" X 6"	253037
QBC Malaria Test, <i>box of 2000 capillary tubes</i>	1 box, 16" X 14" X 10"	253005
Immersion Oil (Type B), <i>1 x 30 mL bottle</i>	1 box, 6" X 6" X 6" *	427708
Immersion Oil (Type B) (Pack of 4), <i>4 x 30 mL bottles</i>	1 box, 6" X 6" X 6" *	427752
1.8 mm Blade Lancets, <i>box of 100 x 1.8 mm lancets</i>	1 box, 6" X 6" X 6"	420000
2.3 mm Blade Lancets, <i>box of 100 x 2.3 mm lancets</i>	1 box, 6" X 6" X 6"	420001
Kits		
QBC Malaria Test System with ParaLens Advance, Microscope, and Centrifuge, <i>1x kit</i>	1 box, 22" X 14" X 10"	424350
QBC Malaria Test System with ParaLens Advance and Centrifuge, <i>1x kit</i>	1 box, 22" X 14" X 10"	424450

QBC F.A.S.T. AFB Detection		
Consumables	Unit of Measurement	Part Number
QBC F.A.S.T. Quality Control Slides, <i>box of 5 slides</i>	1 box, 6" X 6" X 6"	427402
QBC F.A.S.T. SureFocus Microscope Slides, <i>box of 432 slides</i>	1 box, 8" X 8" X 6"	427411
QBC F.A.S.T. Microscope Slides, <i>box of 432 slides</i>	1 box, 8" X 8" X 6"	427401
QBC F.A.S.T. Sputum Cups, <i>box of 400 x 120 mL cups</i>	1 box, 20" X 16" X 14"	427415
QBC F.A.S.T. Applicator Sticks, <i>box of 400 applicator sticks</i>	1 box, 8" X 8" X 6"	427416
QBC F.A.S.T. Sputum Digestion Solution, <i>9 x 75 mL bottles, 4 phosphate buffer powder packets</i>	1 box, 8" X 8" X 12"	427403
QBC F.A.S.T. Sterile Sputum Prep Tubes, <i>400 x 50 mL tubes</i>	1 box, 24" X 18" X 18"	427406
QBC F.A.S.T. Sterile Transfer Pipettes, <i>400 pipettes</i>	1 box, 13" X 9" X 9"	427407
Kits		
QBC F.A.S.T. AFB Detection System with ParaLens Advance, Microscope, and Centrifuge (115 V, 60 Hz), <i>1x kit</i>	1 box, 24" X 12" X 24"	427400
QBC F.A.S.T. AFB Detection System with ParaLens Advance, Microscope, and Centrifuge (230 V, 50 Hz), <i>1x kit</i>	1 box, 24" X 12" X 24"	427414
QBC F.A.S.T. AFB Detection System with ParaLens Advance and Centrifuge (115 V, 60 Hz), <i>1x kit</i>	1 box, 15" X 21" X 20"	427420
QBC F.A.S.T. AFB Detection System with ParaLens Advance and Centrifuge (230 V, 50 Hz), <i>1x kit</i>	1 box, 15" X 21" X 20"	427421
QBC F.A.S.T. AFB Smear Kit (F.A.S.T. Auramine O Stain Kit (120 mL), 5 Quality Control Slides, 432 F.A.S.T. SureFocus Microscope Slides, 400 F.A.S.T. Sputum Cups, and 400 F.A.S.T. Applicator Sticks)	1 box, 24" X 12" X 24"	427409
QBC F.A.S.T. AFB Smear Kit with Digestion Solution (F.A.S.T. Auramine O Stain Kit (120 mL), 5 Quality Control Slides, 432 F.A.S.T. SureFocus Microscope Slides, 27 bottles F.A.S.T. Sputum Digestion Solution)	1 box, 12" X 12" X 12"	427408
QBC F.A.S.T. AFB E-Z Smear Kit (10 packs, 3 mL F.A.S.T. Auramine O Stain, 3 mL F.A.S.T. decolorizer/quencher, 5 F.A.S.T. SureFocus Microscope Slides, 5 F.A.S.T. Sputum Cups, 5 F.A.S.T. Applicator Sticks)	1 box, 16" X 10" X 8"	427410
QBC F.A.S.T. AFB Smear Starter Kit (5 mL F.A.S.T. Auramine O Stain, 5 mL F.A.S.T. decolorizer/quencher, 3 F.A.S.T. SureFocus Microscope Slides, 3 F.A.S.T. Sputum Cups, 3 F.A.S.T. Applicator Sticks, 1 F.A.S.T. Quality Control Slide)	1 box, 6" X 6" X 6"	427422
QBC F.A.S.T. Auramine O Stain Kit, 120 mL (F.A.S.T. Auramine O Stain, F.A.S.T. Decolorizer/Quencher), <i>1 x 120 mL bottle stain, 1 x 120 mL bottle decolorizer</i>	1 box, 8" X 8" X 12"	427404
QBC F.A.S.T. Auramine O Stain Kit, 250 mL (F.A.S.T. Auramine O Stain, F.A.S.T. Decolorizer/Quencher), <i>1 x 250 mL bottle stain, 1 x 250 mL bottle decolorizer</i>	1 box, 8" X 8" X 12"	427424
QBC F.A.S.T. Auramine O Stain Kit, 3.8 L (F.A.S.T. Auramine O Stain, F.A.S.T. Decolorizer/Quencher), <i>1 x 3.8 L bottle stain, 1 x 3.8 L bottle decolorizer</i>	1 box, 15" X 15" X 17"	427425

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