

PrecisionBrew

HIGH-VOLUME COFFEE BREWERS



GRINDMASTER



Not a refinement. A revolution.

Introducing the next generation of PrecisionBrew® Digital Shuttle coffee brewers.

The PrecisionBrew® line has been re-thought and re-engineered to improve and simplify coffee brewing.

Advanced technology provides delicious Golden Cup Standard coffee, and operates with such efficiency that it will save you money.

Offering high-volume performance in high-demand settings, PrecisionBrew® is the solution that you can rely on for the perfect cup of coffee, every time. With 8 different models available to accommodate any beverage program.



We re-evaluated everything...

to improve your brew experience.

Simplify high-volume brewing, reduce waste, save money, increase your profits, and delight your customers with exceptional coffee.



Highest quality brew

PrecisionBrew® coffee brewers will always exceed your expectations for superior coffee, meeting the Golden Cup Standard as defined by the Specialty Coffee Association (SCA), the globally recognized coffee organization.



The next generation of PrecisionBrew[®]

The PrecisionBrew family of Digital Shuttle coffee brewers has been completely redesigned.

These innovative high-volume brewers are simple to operate, reduce waste and labor, and produce exceptional coffee, all in a compact space.



1 Simplifies brewing

User interface provides simple touchscreen ease of use and intuitive, icon-driven menus for brewing and operation.

2 Consistent quality

The patented Encapsulair® Shuttle circulates warm air between its internal chambers, insulating the brewed coffee.

This convection heating system evenly maintains coffee temperature and preserves taste.

3 Operational alerts

The backlit, internal sight glass in the patented Encapsulair® Shuttle provides an LED Readiness and Freshness Indicator. The color-changing light signals when the brew is complete, and when it is time to make more coffee.

The internal placement of the sight glass means no cold-slugging of coffee, and no sight glass to clean.

Control production

With brew volume options, you can quickly and easily alter the brew size along with demand, reducing waste and saving money.

Compact and efficient

PrecisionBrew® offers high performance brewing with a small footprint, occupying less space than competitive equipment.

Uniform flavor throughout

The patented Java-tate® feature gently stirs the coffee to ensure a uniform flavor profile, giving you consistent quality coffee from the first cup to the very last.

Consistent, quality coffee

The top-line PrecisionBrew Air-heated model offers our most advanced technology for brewing exceptional coffee.

The Encapsulair® and Java-tate® systems work together to preserve coffee stability by regulating the temperature and blend, which gives you longer lasting, quality coffee.

A stable temperature and blend keeps the brew fresh for longer, allowing you to always serve your customers a consistent cup of exceptional coffee, and reducing the waste of pouring out decanters of stale coffee.



Reduces the number of decanters you brew – always have the right amount of coffee for your current demand.



Reduces investment of staff time brewing new coffee.



Reduces need to dispose of stale coffee.



Reduces overall ground coffee purchases.



Encapsulair Shuttles®

Encapsulair® Shuttles circulate hot air between internal chambers to surround and insulate the brewed coffee. This convection heating evenly maintains the temperature of the coffee throughout and eliminates hot spots, while not allowing it to burn.

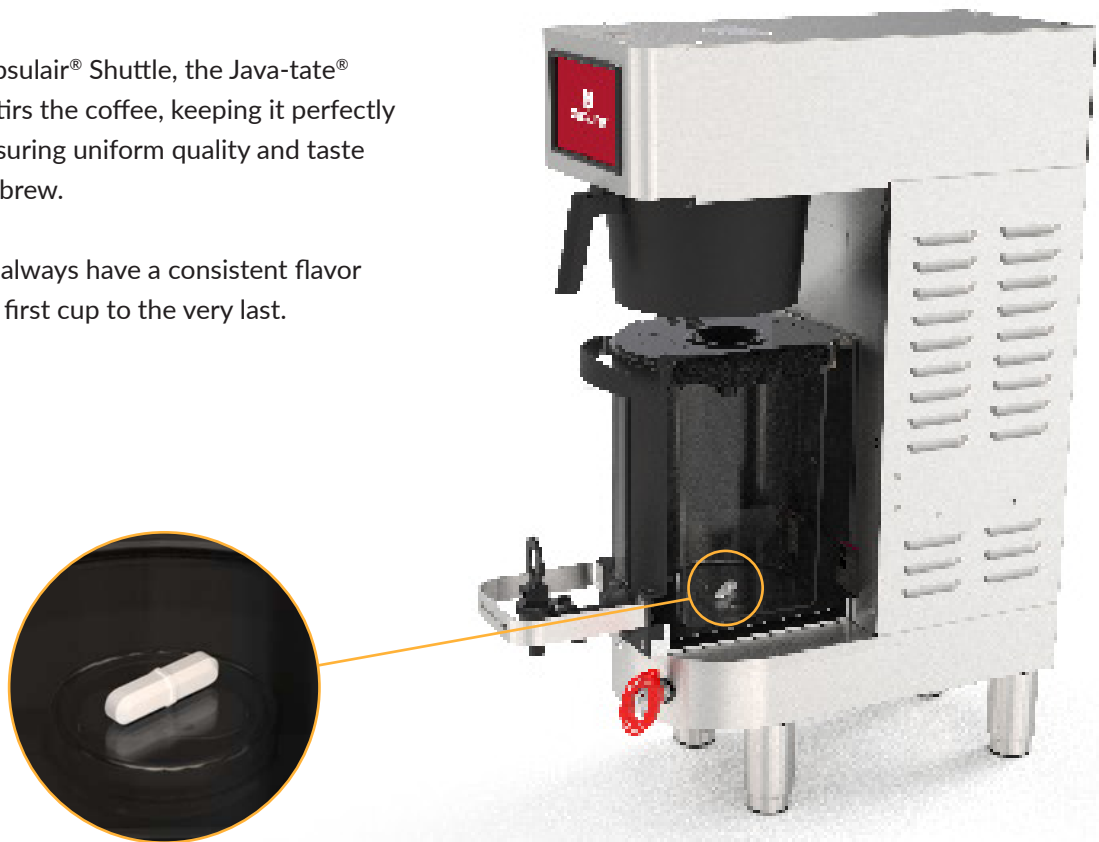
The patent-pending Encapsulair® system gives you consistent quality and reduces wasted beverages.



Java-tate®

Inside the Encapsulair® Shuttle, the Java-tate® feature gently stirs the coffee, keeping it perfectly blended and ensuring uniform quality and taste throughout the brew.

Your coffee will always have a consistent flavor profile from the first cup to the very last.



Advanced touchscreen operation

The PrecisionBrew family of coffee brewers are all equipped with large 7" color digital user interfaces that provide straightforward, easy-to-understand, icon-driven operation.

The intuitive touchscreen allows you to easily create and maintain your brew. Access your customizable coffee taste profiles, brewing options, and a convenient brew countdown timer.

PrecisionBrew brewers also make you aware of any self-diagnostic alerts, eliminating the need for troubleshooting and unnecessary service calls.



Large 7" color touchscreen

A Brew Countdown Timer provides a simple, straightforward visual indication of the time remaining on a brew cycle, and confirmation of a completed brew cycle.



Reduce training time

Step-by-step directions for brewing and the many flavor profile selections make PrecisionBrew easy to use.

Screen images are representative only, and are not meant to be exact likenesses of user interface.

GRINDMASTER



Simple programming and updates

Every PrecisionBrew model has customizable programming allowing full control over the brew parameters, including pre-infusion, pulse brew, and bypass.

Update via USB drive

Programmed updates can also be made via USB. This eliminates the need to manually key in changes to every machine at every location, requiring less travel time and supervision to manage a fleet of machines. It also ensures a consistent process of brewing,



Brew volume options

Variable brew volumes make it possible to quickly alter coffee flavor profiles and amount when the demand changes. Helps prepare you for busy periods and eliminate spoilage.

Efficient work

Having the coffee ready when you need it leads to less operator stress during peak times and increased customer satisfaction, due to faster service. Staff won't be spending time disposing of stale coffee and brewing fresh shuttles. Instead, they can take care of customers and other sales.

Manage peak times easily

With a twin model, you can brew two different coffee profiles side-by-side and broaden your beverage selection.



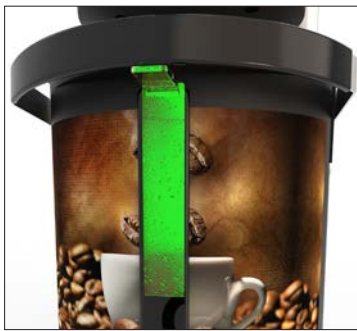
Clear communication

Automated Brew Cycle Notification

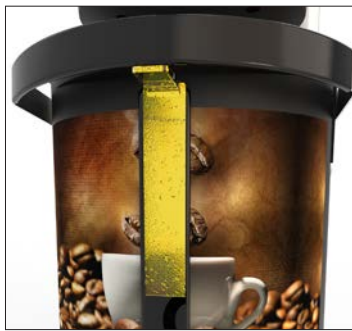
Freshness indicator lights and countdown indicators alert staff to the progress of the brew.

The Encapsulair shuttle displays distinct color changing lights in its internal sight glass. These prominent Readiness and Freshness Indicator Lights change color to signal when the brew is complete, and when it is time to make more coffee.

With only a quick glance at the machine, your staff will know exactly where the coffee brew is in its cycle, and can more easily plan their work.



Green Light: coffee in shuttle is freshly brewed.



Yellow Light: coffee in shuttle is within 20% of time to expire.



Red Light: coffee in shuttle is not ready, either not yet finished with brew cycle or expired.

Self-diagnostics Alerts

Eliminate the need for troubleshooting and unnecessary service calls.

Touchscreen self-diagnostics alerts are easy to access and easy to understand, with explanations of alerts, instead of error codes. Simple and direct, the alerts help you avoid downtime and loss of sales.

Effortless brewing

Save Operating Time

PrecisionBrew brewers are designed for ease of operation. The easy-to-use icon-driven digital interface on every PrecisionBrew model means that your first great cup of coffee is just moments away.



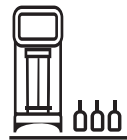
Save clean-up time – designed for simple cleaning and maintenance.



Save installation time with simple set-up.



Save training time with no complicated processes for staff to learn.



Save counter space for other merchandise with the small footprint.



Save money by reducing energy bills with the energy-saving mode feature.



Save stress and headaches – PrecisionBrew is fully programmable to suit any coffee profile.



Safety First

PrecisionBrew was designed for safe operation.

Shuttle sensors prevent brewing when shuttle is not in place or is not aligned properly, and the brew basket is locked into place and cannot be removed before the completion of a brew cycle.

Air-heated Shuttle® Brewers

Single and twin digital virtual sight glass models brew into 1.5 gallon air-heated Shuttle(s).



Brews to the Golden Cup Standard as defined by the Specialty Coffee Association (SCA) for the highest quality brew possible.



Twin

model PBC-2A
air-heated shuttles sold separately
graphics sold separately

Product Dimensions
30.13" x 18.13" x 18.88"

Single

model PBC-1A
air-heated shuttles sold separately
graphics sold separately

Product Dimensions
30.13" x 9.13" x 18.88"



Encapsulair®

Portable Encapsulair Shuttles circulate hot air between internal chambers to surround and protect your brewed coffee. This convection heating keeps the brew evenly hot without allowing it to burn.



Java-tate®

The Java-tate feature gently stirs the coffee, keeping it perfectly blended and ensuring a consistent taste profile from the first cup to the very last.



1.5 Gallon Shuttles®

Single and twin virtual sight glass models brew into 1.5 gallon (5.7 L) air-heated Shuttle(s).

Three independent brew volumes of 0.5, 1.0, 1.5 gallons (1.9, 3.78, 5.7 L)



Freshness Indicator Lights

The backlit, internal sight glass provides an LED Readiness and Freshness Indicator for the brew. The color changing light lets your staff know at a glance when the brew is complete, and when it is time to make more coffee - very operator friendly.

The level of coffee in the shuttle is apparent at a quick glance, and the internal placement of the virtual sight glass means the brew will be kept at a consistent temperature, with no need to clean the sight glass separately.



Safety Sensors

Shuttle sensors prevent brewing when server is not in place or is not aligned properly, and the brew basket is locked into place and cannot be removed before the completion of a brew cycle.

Compact Size

The PrecisionBrew line of brewers offer high performance brewing in a more compact size than the competitive equipment, with the footprint of the PBC-2A being the smallest in its class.

Additional Specifications

Digitally controlled with PrecisionBrew Technology

Icon-driven Touchscreen Interface

With the twin model, you can brew two different coffee brews in side-by-side dispensers and expand your beverage offerings.

Hot Water Dispenser

No cold-slugging of coffee with virtual sight glass.

Electrical:
240 V / 7.0 kW / 60 Hz / 1 Ph

Plumbing: 0.25" (6.35 mm) flare water line at 30-80 psi

Shuttle and shuttle graphics shown are sold separately.

3.2 gallon (12.1 L) heating tank per brew head.

Warmer Shuttle® Brewers

Digitally controlled single and twin models brew into 1.5 gallon warmer Shuttle(s).



Brews to the Golden Cup Standard as defined by the Specialty Coffee Association (SCA) for the highest quality brew possible.



Twin

model PBC-2W
warmer shuttles sold separately
graphics sold separately

Product Dimensions
30.13" x 18.13" x 18.88"

Single

model PBC-1W
warmer shuttles sold separately
graphics sold separately

Product Dimensions
30.13" x 9.13" x 18.88"



Compact Size

The PrecisionBrew line of brewers offer high performance brewing in much less space than competitive equipment.



Safety Sensors

Shuttle sensors prevent brewing when shuttle is not in place or is not aligned properly, and the brew basket is locked into place and cannot be removed before the completion of a brew cycle.



1.5 Gallon Shuttles®

Single and twin sight glass models brew into 1.5 gallon (5.7 L) Warmer Shuttle(s).

Three independent brew volumes of 0.5, 1.0, 1.5 gallons (1.9, 3.78, 5.7 L)

Additional Specifications

Digitally controlled with PrecisionBrew Technology

Icon-driven Touchscreen Interface

With the twin model, you can brew two different coffee brews in side-by-side dispensers and expand your beverage offerings.

Hot Water Dispenser

Electrical:
240 V / 7.0 kW / 60 Hz / 1 Ph

Plumbing: 0.25" (6.35 mm) flare water line at 30-80 psi.

Shuttle and Shuttle graphics shown are sold separately.

3.2 gallon (12.1 L) heating tank per brew head.

Vacuum Shuttle® Brewers

Digitally controlled single and twin models brew into 1.5 gallon Vacuum Shuttle(s) with sight glass and available stand.



Brews to the Golden Cup Standard as defined by the Specialty Coffee Association (SCA) for the highest quality brew possible.



Single

model PBC-1V

Single digitally controlled brewer, for use with Vacuum Shuttle without stand

Vacuum Shuttles sold separately
graphics sold separately

Product Dimensions
33.56" x 9.13" x 19.13"

Twin

model PBC-2VS

Twin digitally controlled brewer, for use with Vacuum Shuttle with stands

Vacuum Shuttles sold separately
graphics sold separately

Product Dimensions
35" x 21.75" x 19.13"



Compact Size

The PrecisionBrew line of brewers offer high performance brewing in a more compact size than the competitive equipment. Space-saving 8" (20.3 cm) wide slimline server.



Safety Sensors

Shuttle sensors prevent brewing when server is not in place or is not aligned properly, and the brew basket is locked into place and cannot be removed before the completion of a brew cycle.



1.5 Gallon Shuttles

Single and twin sight glass models brew into 1.5 gallon (5.7 L) Vacuum Shuttle(s).

Three independent brew volumes of 0.5, 1.0, 1.5 gallons (1.9, 3.78, 5.7 L)

Both Models Available With and Without Stand



Single with Stand

model PBC-1VS
Single digitally controlled brewer, for use with Vacuum Shuttle with stand

Product Dimensions
35" x 12.3" x 19.13"



Twin

model PBC-2V
Twin digitally controlled brewer, for use with Vacuum Shuttle without stands

Product Dimensions
33.56" x 18.13" x 19.13"

Additional Specifications

Digitally controlled with PrecisionBrew Technology

Icon-driven Touchscreen Interface

With the twin models, you can brew two different coffee brews in side-by-side dispensers and expand your beverage offerings.

Hot Water Dispenser

Electrical:
240 V / 7.0 kW / 60 Hz / 1 Ph

Plumbing: 0.25" (6.35 mm) flare water line at 30-80 psi.

Shuttle and Shuttle graphics shown are sold separately.

3.2 gallon (12.1 L) heating tank per brew head.

Air-heated Shuttle® Brewers



PBC-1A



PBC-2A

Options

Air-heated Shuttle (AS15)
 Air-heated Shuttle Stand (RAS1)
 Graphics for Air-heated Shuttle (380-00335)



AS15



RAS1



380-00335

Warmer Shuttle® Brewers



PBC-1W



PBC-2W

Options

Warmer Shuttle (WS15)
 Warmer Shuttle Stand (RWS1)
 Graphics for Warmer Shuttle (380-00336)



WS15



RWS1



380-00336

Vacuum Shuttle® Brewers with Stands



PBC-1VS



PBC-2VS

Options

Vacuum Shuttle with Stand (VS15)
Graphics for Vacuum Shuttle (380-00439)



VS15



380-00439

Vacuum Shuttle® Brewers without Stands



PBC-1V



PBC-2V

Options

Vacuum Shuttle without Stand (V15)
Graphics for Vacuum Shuttle (380-00439)



V15



380-00439

Shuttles®

Model	AS15 (2503-006)	VS15 (2503-002)	V15 (2503-001)	WS15 (2503-007)
Description	Air-heated Shuttle 1.5 gal.	Vacuum Shuttle With Stand 1.5 gal.	Vacuum Shuttle Without Stand 1.5 gal.	Warmer Shuttle 1.5 gal.
For Use With Model	PBC-1A, PBC-2A	PBC-1VS, PBC-2VS	PBC-1V, PBC-2V	PBC1W, PBC-2W
Product Dimensions (H x W x D)	12" x 9" x 14.38"	24.38" x 8" x 12.81"	15.88" x 8" x 12.75"	12" x 9" x 14.38"
Ship Dimensions (H x W x D)	14.5" x 12.5" x 17.5"	27" x 16.5" x 11"	27" x 16.5" x 11"	14.5" x 12.5" x 17.5"
Ship Weight	8 lbs.	15 lbs.	12 lbs.	8 lbs.

Shuttle® Stands

Model	RAS1 (1502-004)	RWS1 (1503-004)
Description	Air-heated Shuttle Stand	Warmer Shuttle Stand
For Use With Model	PBC-1A, PBC-2A	PBC1W, PBC-2W
Electrical	120V / 0.13 kW / 60Hz / 1 Ph NEMA 5-15P line cord included.	120V / 0.11 kW / 60Hz / 1 Ph NEMA 5-15P line cord included.
Product Dimensions (H x W x D)	18" x 9.13" x 13"	7.5" x 9.13" x 9.25"
Ship Dimensions (H x W x D)	18.63" x 13.25" x 16.75"	7.63" x 13.25" x 13.25"
Ship Weight	13 lbs.	10 lbs.

Brew Baskets and Filters for all Machines

230-00173	Stainless Steel Brew Basket
230-00199	Plastic Brew Basket
ABB2.OWP	Filter Paper 14" flat, 6" bottom, 4" sidewall, 500 per box

GRINDMASTER

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