

StatSpin[®] Express

PRIMARY TUBE CENTRIFUGE

2



2 Minute Spin

...Plasma for
Coag Testing

...Plasma for
Cardiac Markers

...Serum or Plasma
for Stat Chemistry

StatSpin[®]

Productivity Tools

THE EXPRESS 2 WILL CUT TURNAROUND

StatSpin[®] Express

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Rapid Blood Separation

The StatSpin[®] Express 2 can improve turnaround time and productivity in any lab! By placing it next to any analyzer that requires serum or plasma, you'll see an immediate improvement in test efficiency and turnaround time. Samples are processed as they arrive; no need for batching, no unproductive time spent waiting for the centrifuge...you'll have results in minutes. For peak workflow, several units can actually provide higher throughput than a larger, more costly centrifuge.

StatSpin[®] Express 2 is ideal for:

Rapid plasma for coagulation tests

Sample prep for stat chemistry

Cardiac profiles for the ER

Sharp separations for send-out

Anywhere rapid serum or plasma is needed



ND TIME IN HALF

Cut turnaround time in half!*

Improve productivity. One study found that a typical hospital laboratory could reduce cardiac profile TAT from about one hour to thirty minutes by switching to plasma separator tubes, streamlining sample transport and installing a StatSpin Express in the workstation.

* Evaluation of the StatSpin[®] Express primary tube centrifuge for preparation of samples for measurement of cardiac markers on the ACS:180[®] System. Bayer Corp., Diagnostic Division, Walpole, MA. AACC 99, Abstract #77.

High quality results for coag or chemistry

The Express 2 can produce serum or plasma equal to tubes spun for 7-10 minutes in conventional clinical centrifuges. Gel barrier tubes are separated rapidly with minimal barrier distortion. Processed tubes can be used on automatic sampling equipment without contaminating the sample probe.

The Chart shows data on the ability of the Express to produce quality plasma from PST tubes for testing chemistry analytes. A full report of this chemistry testing as well as a detailed independent report on platelet count is available upon request.

Fast Rapid acceleration and dynamic braking reduce waiting for routine blood separations. Spins in 2 or 3 minutes.

Accurate Microprocessor control maintains speed and time to within 5%.

Compact Takes less than 7 inches (18cm) of bench space, fits almost any work area or instrument cart.

Quiet Generates only about 60dB of noise won't disturb nearby workers.

Safe Cover interlock system, chamber gasket and proven mechanical containment for operator safety. UL Listed (U.S./Canada), CE marked.

Simple Load tubes and press start preprogrammed cycles simplify run time selection.

Easy to Maintain 10% bleach-compatible surfaces and polypropylene rotor make cleaning easy. Disposable chamber liners available for added efficiency.

Self-diagnostics error code lights help reduce chance of operator error and aid in instrument trouble-shooting.

Chemistry Plasma

| Marker | StatSpin Express 2 8500 rpm 2 MINUTES | | Beckman Centrifuge 3000 rpm 10 MINUTES | |
|-----------|---|-----------|--|-----------|
| | Mean | Range | Mean | Range |
| Potassium | 4.04 | 3.3 - 4.7 | 4.05 | 3.3 - 4.7 |
| AST | 21.8 | 12 - 52 | 21.7 | 12 - 52 |
| ALT | 16.0 | 3 - 38 | 16.0 | 3 - 38 |
| LDH | 134 | 68 - 205 | 137 | 77 - 209 |

24 Duplicate Samples in PST Tubes (Plasma Separator) Analyzed in a Beckman CX-7

StatSpin® Express

2

StatSpin Express 2 includes a remote universal power supply that works off any single phase electrical power from 100-240V. The power supply has an IEC 320 receptacle so virtually any standard computer-type power cord can be used.



Specifications:

| | |
|-------------------------------|---|
| Speed/Force | 8500 rpm/4440 xg (- 5%) |
| Cycle Time | Quick Spin 30 seconds Normal 120 seconds Hard Spin 180 seconds |
| Acceleration Time | 20 seconds to 95% of speed |
| Deceleration Time | < 30 seconds |
| Tube Accommodation | Accepts up to 5 mL blood tubes (13 x 75 mm), Monovette syringe tubes and smaller tube formats (see ordering information) |
| Power Requirements | 100 to 240V, 50/60 Hz, 1.7 amp (Remote power supply has a 50 cm/3.5 ft. line to the centrifuge and a 5 ft. North American power cord. Replacement AC power cord must have an IEC 320 connector and meet <HAR> standard.) |
| Dimensions (H x W x D) | 15.2 x 16.8 x 21.9 cm. (6.0 in. x 6.6 in. x 8.6 in.) |
| Weight | 2.3 kg (5 lbs) |
| | Specification subject to change without prior notice. The StatSpin Express drive and suspension system are covered under U.S. Patent No. 5,566,919. StatSpin is a registered trademark of StatSpin, Inc. Monovette is a trademark of Sarstedt, Inc. |

Ordering Information

| | |
|-------------|--|
| SSX2 | StatSpin Express 2 for 100-240V, 50/60 Hz. Includes 4-place rotor (RTX4), universal power supply, removable chamber liner, four 5 mL Inserts and North American power cord. |
| SV01 | Inserts for 5 mL Tubes (13 x 75 mm) 4/pk. Included with centrifuge. |
| SV02 | Inserts for 3 mL Tubes (10.25 x 64 mm) 4/pk. |
| SV03 | Inserts for 2 mL Tubes (10.25 x 47 mm or BD Microtainers) 4/pk. |
| SV04 | Inserts for 1.5 - 2 mL Microtubes (e.g. LipoClear) 4/pk. |
| DL01 | Disposable Chamber Liners 10/pk. |
| RTX4 | Replacement Express 2 Rotor Includes four SV01 Inserts. |



The 24V line to the centrifuge includes a locking nut for secure installation.



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