

New Product Details:

## FS100 – High Capacity Platelet Storage System

For more info visit:  
[www.boekelsci.com](http://www.boekelsci.com)



## Corporate Background

- 150-Year-Old Company
- Located Outside Philadelphia,  
90 mins from NYC
  - Originally located in center city
- 50+ Employees
- Most Manufacturing is Performed Onsite
- ISO 13485 Medical Device Quality System



## Blood Banking Product Overview

- Made in the U.S.A
- Equipment Types
  - Blood Collection
  - Platelet Storage
  - Thawing



## FS100 – High Capacity Platelet Incubator

- **General Details**
  - 100 Platelet Unit Capacity
  - 25 Removable Shelves
  - 7" Industrial Color Touch Screen
  - 50mm Thermal Printer
  - Locking Rolling Casters
  - External Temperature Probe Port
  - Locking Double Doors
  - Alarm Indicator Light



## FS100 – High Capacity Platelet Incubator

- Heating and Cooling
  - High Efficiency
  - Thermoelectric / Solid State
  - Reduced complexity
  - No need for Refrigerant
  - No Compressor
  - High Accuracy
  - High Stability



## FS100 – High Capacity Platelet Incubator

- **Logging, Reporting and Alarms**
  - 50mm Thermal Printer
    - Temperature
    - Events/Alarms
  - USB and Ethernet
  - Battery Backup for Logging
  - Onscreen Temperature Graphing
  - Probe port and hardware for secondary monitoring
  - Automated High/Low Temp Alarm Testing
  - Alarms: Door, Printer, Inventory, Low Temperature, High Temperature, Agitation, General Equipment, Network, and Battery Alarms



## FS100 – High Capacity Platelet Incubator

- **Patented Inventory Management**
  - Color Coded Indicators
  - Based On Expiration Date
  - Easy-to-use Interface
  - Based On Shelf Location
  - Reduces Platelet Wastage





|                                       |  |
|---------------------------------------|--|
| Platelet Incubator:                   | Model Number FS100 (115V) and FS100-2 (230V)   |
| Electrical:                           | 115V, 50/60 Hz, 7A Peak, 4A Steady State, 500 Watts<br>230V, 50/60 Hz, 4A Peak, 2A Steady State, 500 Watts             |
| Capacity:                             | 25 Shelves, 4 Units per Shelf, 100 Units Total   |
| Default Set Temperature:              | 22°C   |
| Heating / Cooling:                    | Solid State Thermoelectric Temperature Control   |
| Alarms:                               | Door, Printer, Inventory, Low Temperature, High Temperature, Agitation, General Equipment, Network, and Battery Alarms |
| Printer:                              | 50mm thermal printer   |
| Interface:                            | 7" Industrial Color Touch Screen   |
| Temperature Control Method:           | Thermoelectric   |
| Patented Inventory Management System: | Time Based with Color Coded Indicators   |
| Ambient Temperature Range:            | 16°C – 30°C Ambient  |
| Temperature Accuracy:                 | ±0.3°C between 20°C and 24°C   |
| Connectivity:                         | USB, Ethernet, RS485, Dry-contact Relay  |
| Probe Port:                           | External Probe port and mounting hardware for secondary temperature monitoring system                                  |
| Battery Backup:                       | Yes, for system logging  |
| Casters:                              | Corrosion Resistant Locking Casters  |
| Product Dimensions:                   | 40" W x 28" D x 70" H  |
| Shipping Weight:                      | 575 lbs.   |
| Warranty:                             | 2 Year Warranty  |





# FS100 – High Capacity Platelet Storage System

## General Info

### Boekel Scientific

855 Pennsylvania Blvd  
Feasterville, PA. 19053

**Tel:** (215) 396-8200

**Toll Free:** (800) 336-6929

[boekel-info@boekelsci.com](mailto:boekel-info@boekelsci.com)

