

THE **NEW** Century HLM

**Beat
after
beat**



**Year
after
year**

MADE IN THE USA

Designed for perfusionists, by perfusionists

The New Century Heart Lung Machine

delivers exceptional reliability, ease of use and value—backed by robust technical support. Its perfusionist-driven design is engineered down to the last detail to help you deliver the best possible care, case after case, year after year. And it comes with an industry-leading 4-year warranty.





Extreme reliability

LEGENDARY PUMP Unrivalled durability and dependability

HEAVY-DUTY CONSTRUCTION Proudly made in the USA, from industrial-grade materials

BATTERY POWER 2 hours full system power or 5 hours arterial pump

4-YEAR WARRANTY Far exceeds any other HLM warranty

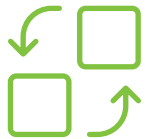


Exceptional ease of use

INTUITIVE UX Simple touchscreen design lets you focus on the patient

PERFUSIONIST-FRIENDLY Every detail supports easy, safe operation

1-HOUR TRAINING That's all it takes to master the system



Thoughtful design

JUST RIGHT Everything you need, nothing you don't

FULLY MODULAR Customize the system for your requirements

ERGONOMIC DESIGN Engineered for easy, comfortable use



The bottom line

Total Cost of Ownership is a key consideration for any hospital purchasing a heart lung machine. The new Century HLM is an industry leader in low TCO, combining exceptional durability and usability with value.

- Affordably priced
- Thousands of hours of dependable performance
- Rugged, heavy-duty construction for lasting durability
- Simple design for fast, easy adoption
- Unrivalled 4-year warranty

Built-in reliability and ease



- 1 Pole and Mast System** Versatile and convenient as is, or choose from available options to meet your needs
- 2 CPC Touchscreen** Simple, intuitive interface lets you focus on the patient
- 3 RS 232 Port** Stream data to any Electronic Medical Record (EMR)
- 4 USB Port** Download data recorded every 10 sec (every 5 seconds when alarm is active) with a Century flash drive
- 5 Heavy-Duty Raceway** Thick-walled, single-piece construction prevents warping and holds its shape over time, enabling pump to maintain long-term accuracy
- 6 Centrifugal Pump Compatibility** Console base accepts all third-party centrifugal pumps
- 7 Two Tubes** Roller pumps easily accommodate two 1/4" tubings in one roller head
- 8 Century Perfusion Pump** The legendary Stöckert-designed "workhorse" pump, famous for exceptional reliability and durability
- 9 Speed Control Knob** Two-stage pump speed control knob (coarse and fine control) with a hard stop at zero
- 10 Spill Proof Access Ports** Improves ease of use in sensor cable management
- 11 Cable/Water Channel** Channel for cables and/or water lines to pass to other side of Console Base protected and elevated off of the floor
- 12 Internal Power Supply in Each Module** Enables independent operation of each pump module by plugging directly into a facility wall outlet
- 13 Extra-Long Life UPS Battery Backup** Provides industry leading 2 hours full system power or 5 hours of arterial pump operation
- 14 Console Base** Accepts all stand-alone centrifugal pumps, cardioplegia systems and compact heater coolers

The pump that's become a legend

The Century Perfusion Pump earned the nickname “The Workhorse” from perfusionists, because of its 20-year history of reliable performance.



STÖCKERT-DESIGNED

Peristaltic-type roller pump, legendary for its durability

BELT-DRIVEN PUMP HEAD

Reduces motor vibrations to the pump head, for fewer failures, lower maintenance and longer life than other designs

INTERNAL POWER SUPPLY

Enables operating directly from a wall outlet if necessary

ONE-PIECE RACEWAY

Heavy-duty construction from a single block of aluminum prevents warping over time, preserving accuracy of the pump

Simpler means safer

The Century HLM interface is designed for safety and ease, with a touchscreen design that makes navigation simple and intuitive, so you can stay focused on the patient.



No digging through menus. Perimeter tiles continually display primary control information.



Touching a perimeter tile opens a larger version in the center screen, with more functions. Perimeter tiles with primary information remain in place.



Center tile automatically closes when a new perimeter tile is touched.



"Follow Function" feature indicates perimeter tile to open in an alarm situation. Flashing color indicates the parameter to address.

Make it yours

The Century HLM combines a robust turnkey feature set with complete modularity and accessories to customize the system to your needs. The system is compatible with any EMR, as well as add-on centrifugal pump, heater cooler and more.



Available in 4- or 5-position base

All-in-one feature set

A robust safety and control feature set comes standard with the Century Perfusion Controller.

- 4 Pressures
- 4 Temperatures
- 4 Timers
- 2 Air Bubble Detectors
- 2 Level Detectors
- Automatic Cardioplegia Functions



LED Lamp



Laptop Tray



Writing Tray



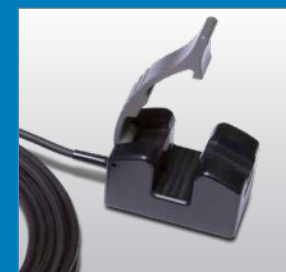
"C" Mast



Storage Shelves



Level Detector



Air Bubble Detector

Century HLM is dedicated to a major unmet need: bringing hospitals worldwide extreme reliability, flexibility and value in a heart lung machine. Perfusionist founded and owned, we know heart lung machines from extensive, hands-on experience. We know what you need in an HLM to perform at your best and deliver the best possible care to patients, case after case. And we are proud of what the new Century HLM has to offer—legendary workhorse performance in a fully modular system, with market-leading durability and ease of use.

www.centuryhlm.com

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