CARDIOSAVE®
More than a pump. A Revolution.

This document is intended to provide information to an international audience outside of the US.
CARDIOSAVE represents a giant leap forward in functionality and versatility while continuing to deliver the performance and intuitiveness of the earlier generation Maquet/Datascopc pumps you know and trust. With its large touchscreen display, dramatically smaller and lighter design, and seamless transition from in-hospital use to transport mode, this revolutionary pump redefines counterpulsation therapy.

CARDIOSAVE.
Setting a new standard in hemodynamic support.
CARDIOSAVE Hybrid retains the familiar look of earlier generation Maquet/Datascope pumps, while offering an improved user interface and improved algorithms and pneumatics to allow for enhanced therapy. CARDIOSAVE Hybrid easily and quickly converts from hospital configuration to transport configuration.

**Enhanced algorithms for easier management of the most complex patients**
- Enhanced pacer detection
- More sophisticated management of lead faults
- Advanced triggering performance

**Enhanced pneumatics to help optimize diastolic augmentation**
- Faster pneumatic speed
  - HR 80 – 10.0% faster than CS300™ (normotensive patient)*
  - HR 150 – 16.4% faster than CS300 (normotensive patient)*
- Faster pneumatic speed allows balloon to stay inflated longer during diastole

**Quieter for patient convenience**
- Significantly quieter when compared to earlier generation Maquet/Datascope IABPs

*Data on file*
Improved user interface for ease-of-use
• Backlit monitor display
• Backlit touchscreen control
• Improved help screen navigation

Improved patient interconnects for ease-of-use
• Better organized patient interface connections
• Easier access to connection panel
• Color coded and keyed connections

Improved user convenience attributes
• Self retracting power cord
• Out-of-sight helium tank compartment

Designed for use with all Maquet IABs

**SPECIFICATIONS**

**WEIGHT**
Including console, cart, control monitor, helium tank and 2 batteries
51.8 kg 114 lbs
All weights ± 5%

**DIMENSIONS**

Display Closed
111.8 cm high x 68.6 cm deep x 59.9 cm wide
44 in high x 27 in deep x 22 in wide

Display Open 90°
134.6 cm high x 68.6 cm deep x 59.9 cm wide
53 in high x 27 in deep x 22 in wide

* All dimensions ± 5%. Dimensions include the Pneumatic Module
CARDIOSAVE Rescue is the smallest and lightest intra-aortic balloon pump ever produced by Maquet. CARDIOSAVE Rescue is designed to meet the rigorous requirements of transporting patients by ambulance or helicopter. The size and weight reduction make for significantly easier lifting and placement into the vehicle, while the hot-swappable, lithium ion batteries offer potentially unlimited run-time with spare batteries.

**Improved physical characteristics for better inter-facility transports**
- Lighter weight - approximately 40% of the weight of CS300 UTS
- Smaller size - approximately 55% of the size of CS300 UTS
- Hot-swappable lithium ion batteries – virtually unlimited run-time with spare batteries*

**Standard accessories for transport applications**
- 2 bay battery charging station
- Helium refilling station
- AC transport power supply

**Improved user interface for ease-of-use**
- Backlit monitor display
- Backlit touchscreen control
- Improved help screen navigation

*Additionally, the ability to “hot swap” batteries allows virtually unlimited battery run time capability and allows patients who are being supported by the pump in one facility to be easily transported to another without any interruption in support regardless of the length of transport.*
Enhanced algorithms for easier management of the most complex patients

- Enhanced pacer detection
- More sophisticated management of lead faults
- Advanced trigger processing

Enhanced pneumatics to help optimize diastolic augmentation

- Faster pneumatic speed
  - HR 80 – 10.0% faster than CS300 (normotensive patient)*
  - HR 150 – 16.4% faster than CS300 (normotensive patient)*
  - Faster pneumatic speed allows balloon to stay inflated longer during diastole

Improved patient interconnects for ease-of-use

- Better organized patient interface connections
- Easier access to connection panel
- Color coded and keyed connections

Designed for use with all current Maquet IABs

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**SPECIFICATIONS**

**WEIGHT**

- Display Closed - Includes Rescue console and control monitor and 2 batteries
- 24.1 kg  53 lbs

**DIMENSIONS**

- Display Closed - Includes Rescue console and control monitor
  - 57.2 cm high x 40.6 cm deep x 33.0 cm wide
  - 22.5 in high x 16 in deep x 13 in wide

- Display Open 90° - Includes Rescue console and control monitor
  - 78.0 cm high x 40.6 cm deep x 33.0 cm wide
  - 30.7 in high x 16 in deep x 13 in wide

* Data on file

* All dimensions ± 5%. Dimensions include the Pneumatic Module
CARDIOSAVE incorporates a state-of-the-art liquid crystal display and touchscreen control. The large panel size, 24.58 cm x 18.43 cm (9.68 in x 7.26 in), and 31 cm (12.1 in) diagonal, allow visibility in varying lighting conditions with no alternate light source required. The back-lit screens offer visibility for both the upper waveform display and lower touchscreen control, allowing for larger patient display parameters, improved help screen navigation, and customizable control screens.
CARDIOSAVE. Different from the first touch

CARDIOSAVE incorporates a state-of-the-art liquid crystal display and touchscreen control. The large panel size, 24.58cm x 18.43cm (9.68in x 7.26in), 31cm (12.1in) diagonal, used for both the upper waveform display and lower touchscreen control allows for larger patient display parameters, improved help screen navigation and customizable control screens. The back-lit screens allow visibility in varying lighting conditions with no alternate light source required.
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Ordering information

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Getinge Group is a leading global provider of products and systems that contribute to quality enhancement and cost efficiency within healthcare and life sciences. We operate under the three brands of ArjoHuntleigh, Getinge and Maquet. ArjoHuntleigh focuses on patient mobility and wound management solutions. Getinge provides solutions for infection control within healthcare and contamination prevention within life sciences. Maquet specializes in solutions, therapies and products for surgical interventions, interventional cardiology and intensive care.