

**MAQUET**  
GETINGE GROUP

**INTRODUCING CARDIOSAVE®  
MORE THAN A PUMP. A REVOLUTION.**





MAQUET



CARDIOSAVE hybrid

Auto    Lock    Primary    Secondary

Trigger    Sources    MAB Frequency    Augmentation    Tinting

Screen is locked

To unlock press  
Unlock Screen button

Unlock Screen    Screen    MAB Frequency    Augmentation    Tinting



## INTRODUCING CARDIOSAVE MORE THAN A PUMP. A REVOLUTION.



### INTRODUCING A WHOLE NEW PARADIGM IN HEMODYNAMIC SUPPORT

CARDIOSAVE represents a giant leap forward in functionality and versatility while continuing to deliver the performance and intuitiveness of the earlier generation MAQUET/Datascope 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

**CARDIOSAVE Hybrid** retains the familiar look of earlier generation MAQUET/Datascope pumps, while offering an improved user interface and improved algorithms & 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





#### Improved user interface for ease-of-use

- Backlit monitor display
- Backlit touchscreen control
- Improved help screen navigation

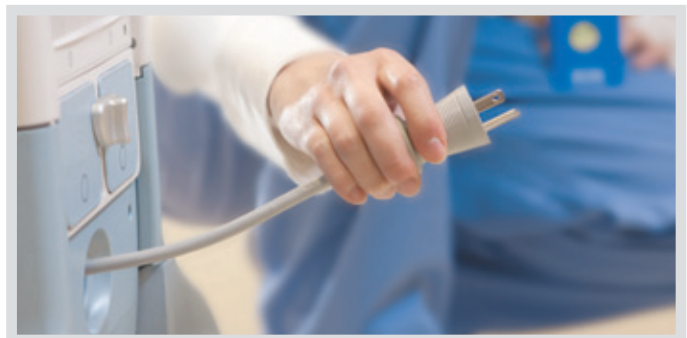
#### Improved patient interconnects for ease-of-use

- 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

**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
- Vehicle transport mount
- 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



**SPECIFICATIONS**

**WEIGHT**

Including Rescue console, control monitor and 2 batteries  
 24.1 kg    53 lbs  
 All weights ± 5%

**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  
 \* All dimensions ± 5%. Dimensions include the Pneumatic Module

## 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 backlit screens allow visibility in varying lighting conditions with no alternate light source required.





OPERATION MODE

Auto

Semi Auto

Calibrate Pressure

Hold 2 Sec.

Standby

Start

Trigger

ECG

Pressure

Pacer V/AV

Pacer A

Internal

Sources

EGG

Pressure

Threshholds

Pressure Threshold

20

Auto

Pacer Detection

Default

IAB Frequency

1:1

1:2

1:3

Augmentation

Max

Off

Timing

Inflation

Deflation

106

Lock Screen

Hold 2 Sec.

Close Menus

Preferences

Ref Line

IAB Fill

Hold 3 Sec.

Freeze Display

Aug Alarm

Print Strip

Hold For Continuous





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Calibrate Pressure  
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Standby

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Trigger  
ECG  
Pressure  
Pacer V/AV  
Pacer A  
Internal

Sources  
ECG  
Pressure  
Pressure Direct  
Thresholds  
Pressure Threshold  
20  
Auto  
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IAB Frequency  
1:1

Augmentation  
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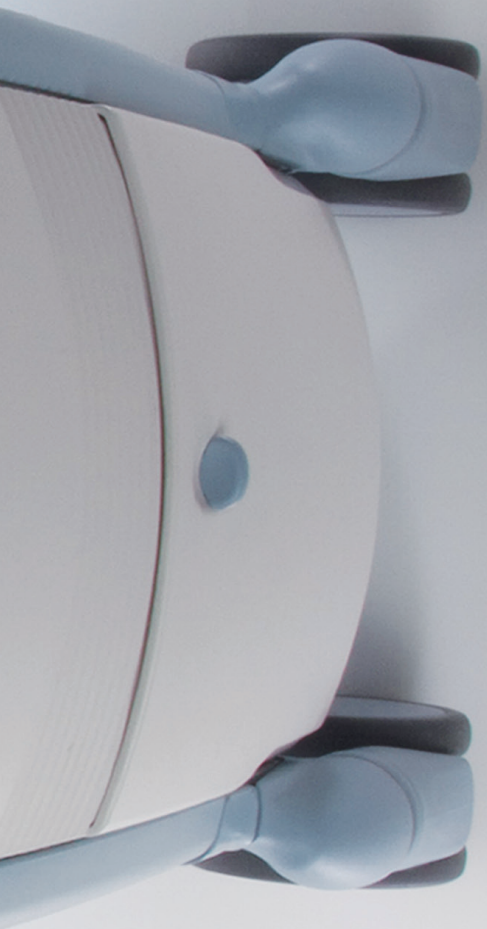
Print Strip

Hold For Confirmation

Hold 3 Sec.











**CARDIOSAVE hybrid**



**CARDIOSAVE rescue**

**ORDERING INFORMATION**

Product	Part Number
CARDIOSAVE Hybrid - AS/NZS3112 Type I Plug	0998-00-0800-31
CARDIOSAVE Hybrid - Type J Plug	0998-00-0800-32
CARDIOSAVE Hybrid - Type D Plug	0998-00-0800-33
CARDIOSAVE Hybrid - Type K Plug	0998-00-0800-34
CARDIOSAVE Hybrid - Type M Plug	0998-00-0800-35
CARDIOSAVE Hybrid - Type I Plug	0998-00-0800-45
CARDIOSAVE Hybrid - Type G Plug	0998-00-0800-52
CARDIOSAVE Hybrid - Type B Plug	0998-00-0800-53
CARDIOSAVE Hybrid - Type E/F Plug	0998-00-0800-55

**ORDERING INFORMATION**

Product	Part Number
CARDIOSAVE Rescue	0998-00-0800-83

**MAQUET**  
GETINGE GROUP

For more information, please contact  
your local sales representative or visit:  
<http://ca.maquet.com>



# MAQUET

## GETINGE GROUP

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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.