



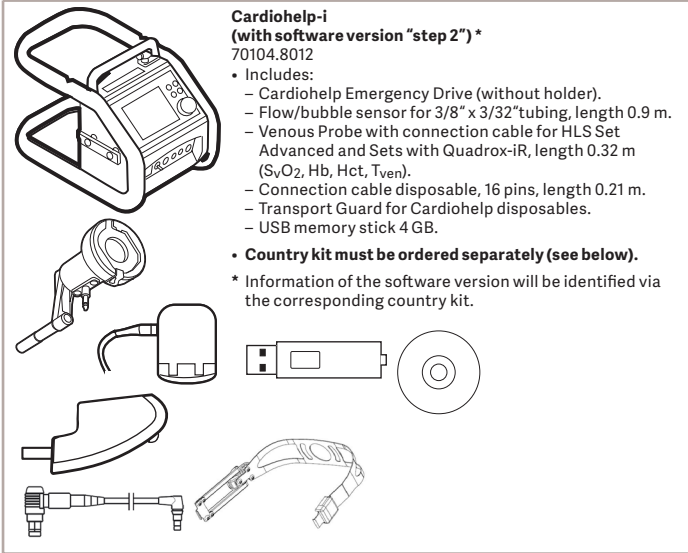
System flowchart
Cardiohelp System
Heart-Lung Support System

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Heart-Lung Support System / Cardiohelp System, system flowchart

Cardiohelp-i System



Cardiohelp-i
(with software version "step 2") *
70104.8012


- Includes:
 - Cardiohelp Emergency Drive (without holder).
 - Flow/bubble sensor for 3/8" x 3/32" tubing, length 0.9 m.
 - Venous Probe with connection cable for HLS Set Advanced and Sets with Quadrox-iR, length 0.32 m (SvO₂, Hb, Hct, T_{ven}).
 - Connection cable disposable, 16 pins, length 0.21 m.
 - Transport Guard for Cardiohelp disposables.
 - USB memory stick 4 GB.
- **Country kit must be ordered separately (see below).**

* Information of the software version will be identified via the corresponding country kit.

Note! Not all products listed here are available in all countries. For details contact your sales representative.

Note! Please ensure that you select a suitable country kit according to the provided voltage in your country. In case of doubt have an authorized service technician measure the actual supply voltage at the particular power outlet.

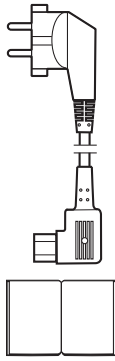
 = and/or


















 = box for ordered quantity



















Dark grey line = standard system configuration

Country kit

Country kit, Cardiohelp 100-240 V 50/60 Hz (for Cardiohelp-i with software version "step 2")



Bulgarian (BG)	Power cable with plug type E+F		70107.6380
Croatian	Power cable with plug type E+F		70106.8632
Czech (CS)	Power cable with plug type E+F		70105.2903
Danish (DA)	Power cable with plug type K		70104.8586
Dutch (NL)	Power cable with plug type E+F		70104.8584
English (EN AU)	Power cable with plug type I		70105.4239
English (EN, THAI)	Power cable with plug type B		70105.3697
English (EN GB, SING)	Power cable with plug type G		70104.8588
English (EN)	Power cable with plug type E+F		70104.8587
Estonian (ET)	Power cable with plug type E+F		70107.6381
Finnish (FI)	Power cable with plug type E+F		70105.2898
French (FR)	Power cable with plug type E+F		70104.8581
French, English (CAN)	Power cable with plug type B		70105.3698
German (DE)	Power cable with plug type E+F, Medizinproduktbuch		70104.8573
Greek (EL)	Power cable with plug type E+F		70106.4803
Hungarian (HU)	Power cable with plug type E+F		70106.4805
Italian (IT)	Power cable with plug type E+F		70104.8583

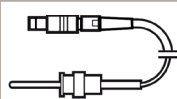
Japanese (JP)	Power cable with plug type B		70106.4801
Korean	Power cable with plug type E+F		70106.8648
Latvian (LV)	Power cable with plug type E+F		70107.6383
Lithuanian (LT)	Power cable with plug type E+F		70107.6382
Norwegian (NO)	Power cable with plug type E+F		70105.2901
Polish (PL)	Power cable with plug type E+F		70106.4148
Portuguese (PT)	Power cable with plug type E+F		70105.2900
Portuguese (BR)	Power cable with plug type N		70105.4238
Romanian (RO)	Power cable with plug type E+F		70107.6385
Russian (RU, KZ, BY, UA)	Power cable with plug type E+F		70106.4808
Serbian (SR)	Power cable with plug type E+F		70108.0775
Slovakian (SK)	Power cable with plug type E+F		70106.4809
Slovenian (SL)	Power cable with plug type E+F		70107.6386
Spanish (ES – South/Central America)	Power cable with plug type B		70106.4802
Spanish (ES)	Power cable with plug type E+F		70104.8582
Swedish (SV)	Power cable with plug type E+F		70104.8585
Swiss (DE, FR, IT)	Power cable with plug type J		70108.1429
Turkish (TU)	Power cable with plug type E+F		70106.4810

- Includes:
 - Mains power cable, 2.50 m, with appropriate power cable and plug.
 - Instructions for use in the respective language.

Note:

The machine itself is able to handle the whole frequency bandwidth of 50-60Hz within each power supply.

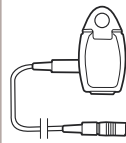
Temperature monitoring



TPO-DL1.8 Temperature probe

- 70105.4562
- Defibrillation protected.
 - Shielded cable.
 - Length 1.8 m.
 - Sensor shaft size (Ø x length): 3.175 x 44.958 mm (0.125" x 1.77").
 - Compatible with:
 - Quadrox-iR.

Venous bubble sensor



BS 3/8x3/32 L1.7
Bubble Sensor for 3/8" x 3/32" tubing
70105.5720

- Length: 1.7 m.
- For use with HLS Set Advanced and sets with Quadrox-iR.
- Coded with blue spout.

Venous probe

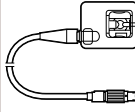


Venous probe
70104.8803

- Measurement head

Pressure transducer

Four pressures



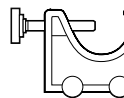
Medex Transducer Kit 960 LogiCal
70104.9184

- Includes:
 - Transducer cable 1.8 m, for pressure module connection.
 - Pressure transducer with transducer plate.
 - Marker kit 4 colours.



Medex MX 960 LogiCal pressure dome
70102.2744

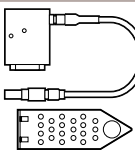
- Disposable.



Medex MX 960 LogiCal transducer holder
70102.0721

- Pole mount.
- Holds 4 Medex LogiCal transducers.

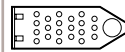
Air emboli protection



CLS Capacitive level sensor kit
70104.9490

- Includes:
 - Capacitive level sensor with cable 2 m.
 - Level sensor pad, 100 pcs.

Extra sensor pads

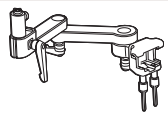


Level sensor pad, 100 pcs
70102.2208

- Disposable.
- To be attached to the venous bubble trap / reservoir at the chosen level.

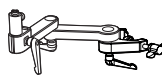
Emergency Drive holder

Rail holder



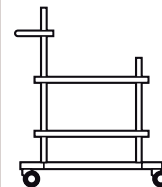
HKH 9101-R
Cardiohelp Emergency Drive holder for standard rail 10 x 25 mm
70104.9304

Mast holder



HKH 9101-M
Cardiohelp Emergency Drive holder for mast
70104.8006

Sprinter Cart / Sprinter Cart XL



Sprinter Cart / Sprinter Cart XL

- Note: If you use Cardiohelp-i on the Sprinter Cart / Sprinter Cart XL, the Cardiohelp Emergency Drive has to be mounted on a Cardiohelp Emergency Drive holder.

See separate system flowchart, which also includes Gas Control Equipment.

Heater Unit HU 35



Heater Unit HU 35
See separate system flowchart.

Fixation



HKH 9102-M
Cardiohelp holder for mast
 70104.9584

- To attach a Cardiohelp Device on a mast (diameter 38 mm).

Extra adapter for mast Ø 33 mm



Mast adapter D33 H45
 70103.3314

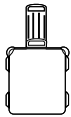
- For mast mounting, diameter 33 mm, height 45 mm.



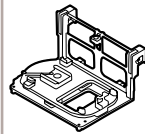
Mast adapter D30 H45
 70105.1531

- For mast mounting, diameter 30 mm, height 45 mm.

Transport



Transport case for Cardiohelp-i
 70105.1373

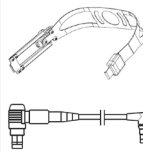


HKH 8860
Cardiohelp mobile holder
 70105.0897

- Transport holder for air transport and ambulance.
- Mandatory for inter-hospital transport.
- Rail spacing: 382.5 mm.
- Includes:
 - Infusion pole.
 - Cardiohelp Protection Cover.



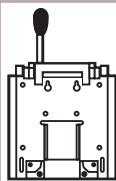
Transport case for Emergency Drive
 70107.2672



Transport Guard for Cardiohelp disposables – Kit
 70107.2671

- Includes:
 - Transport Guard for Cardiohelp Disposables.
 - Fixture for Cardiohelp.
 - Connection cable for venous probe, length 0.32 m.
- Note:**
 - This kit must be installed by a service technician.

Ground transport



HKH 8820
Wall holder for ambulance
 70104.5366

- Mandatory for ambulance transport.
- Note:**
 - Individual transport approval is mandatory!

For transport approval issues, please contact Getinge.

Air transport



HKH 8850
Base plate for helicopter
 70104.5411

- Mandatory for the following rail spacings: 279.0 mm; 304.8 mm; 440.0 mm.
- Optional for the rail spacing: 382.5 mm.
- Note:**
 - Individual transport approval is mandatory!

For transport approval issues, please contact Getinge.

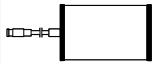


Power supply cord DC-car socket
 70104.8805



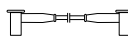
Backpack for gas bottle
 70105.1507

Battery calibration unit



Battery Calibration Unit
70105.4127

Equipotential bonding cable

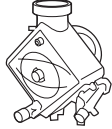


Equipotential bonding cable

1.0 m	70105.5328
2.0 m	70105.5348
3.0 m	70105.5349
6.0 m	70105.5350

- Connecting leads for potential equalization.
- On both ends with assembled right-angled, spring-loaded socket.


Disposables



Disposables

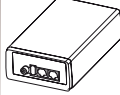
- To be ordered separately from Getinge.

Extra USB memory stick



USB memory stick
14 GB for data storage
70104.9707

Connectivity to MSync




MSync with holder for rail

- Including:
 - PSU (power supply unit).
 - RS232 cable (shielded), length 0.7 m.
 - USB cable, length 1.8 m.

To be ordered separately from Getinge Critical Care.
Order number 68 81 603.


Service



Service contract


- To be specified by technical dept.

Training



Application training

- For details contact your local representative.



Technical training

- For details contact your local representative.



With a firm belief that every person and community should have access to the best possible care, Getinge provides hospitals and life science institutions with products and solutions aiming to improve clinical results and optimize workflows. The offering includes products and solutions for intensive care, cardiovascular procedures, operating rooms, sterile reprocessing and life science. Getinge employs over 10,000 people worldwide and the products are sold in more than 135 countries.

This document is intended to provide information to an international audience outside of the USA and China.

Cardiohelp may be pending regulatory approvals to be marketed in your country. Contact your Getinge representative for more information.

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