




# LUCAS<sup>®</sup> 2

CHEST COMPRESSION SYSTEM

Genuine Accessories from Physio-Control





**Thank you for choosing Physio-Control  
as your partner in helping save lives and  
improve patient care.**

The LUCAS 2 chest compression system is shipped with one battery, patient straps, three suction cups, a carrying bag and the Instructions for Use. In this catalog you will find the overview of accessories designed to meet your needs and optional power solutions. If you have any questions about accessories or disposables, please contact your Physio-Control representative.

## GENERAL ACCESSORIES AND DISPOSABLES

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### LUCAS Carrying Bag

LUCAS 2 is stored and carried in a padded carrying bag complete with storage pouches for a spare battery and external power supply.

**11576-000038**



### LUCAS 2 Disposable Suction Cup

LUCAS 2 has a disposable suction cup which can be easily changed after each use.

**11576-000046** (3-Pack)

**11576-000047** (12-Pack)



### LUCAS Stabilization Strap

The cushion and straps are used to provide further stabilization relative to the patient and to prevent downward movement of the LUCAS device during operation.

**21996-000064**

**11576-000037** (4-Pack)



### LUCAS 2 Rubber Bumper (Pair)

The rubber bumper accessory is available to protect the hinge end caps.

**11576-000070**



### LUCAS Patient Straps

The LUCAS patient straps (two required per device) are used to secure the patients arms to the support legs of LUCAS during transportation.

**11576-000050** (Pair)

**11576-000051** (Pair, 3-Pack)



### LUCAS Back Plate Grip Tape

The LUCAS back plate grip tape is designed to increase the friction of the back plate and to reduce the risk of the device slipping when in contact with other hard surfaces.

**11576-000052**

**11576-000053** (3-Pack)



### Standard LUCAS Back Plate (Replacement)

Replacement LUCAS Back Plate is available in the event of damage or contamination of original.

**21996-000044**

# BATTERIES & POWER ACCESSORIES

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## LUCAS 2 Battery

The LUCAS 2 battery is a rechargeable Lithium Polymer (LiPo) battery which typically last for 45 minutes of operation. You can charge the battery in less than 4 hours either in the external battery charger or while installed in the LUCAS device and connected to an external power supply.

**11576-000039**

**11576-000040** (4-Pack)



## LUCAS 2 Battery Charger

The external battery charger is a stand-alone unit intended to charge one LUCAS 2 Battery. It typically takes less than 4 hours to charge the battery. A mounting bracket is included for space saving installation.

**11576-000060** (U.S., Canada, Japan)

**11576-000061** (EU)

**11576-000062** (UK)

**11576-000063** (Australia)

**11576-000068** (Japan)



## LUCAS 2 Aux Power Supply (S/N 3009 0181 and above)

The external power supply (100-240VAC, 50/60 Hz) can be connected to the LUCAS 2 device and supports prolonged operation as well as charging of the LUCAS 2 Battery while in the device.

**11576-000055** (U.S.)

**11576-000056** (EU)

**11576-000057** (UK)

**11576-000058** (Japan)

**11576-000059** (Australia)



## LUCAS 2 Car Cable

The car cable (12-24V DC) can be connected to the LUCAS 2 device and supports prolonged operation as well as charging of the LUCAS 2 Battery while in the device.

**11576-000048**

# PCI APPLICATIONS




## LUCAS PCI Back Plate


The carbon fiber LUCAS PCI Back Plate is intended specifically for use in the cath lab. It is fully radiotranslucent, with minimum shadows and no metal screws.

**11576-000064**

# SOFTWARE UPGRADES



**Thank you**  
for choosing the LUCAS 2 Chest Compression System.  
*A device designed to deliver chest compressions according to AHA guidelines while saving rescuers precious time to perform other critical tasks.*



**LUCAS 2 CHEST COMPRESSION SYSTEM** | Customer Information

You have recently purchased a version 2.1 software upgrade or have purchased a new LUCAS 2 device with software version 2.1 pre-installed. This letter is intended to detail the changes included with this software and provide you with information regarding new features and device behavior. While the changes included with this version do not affect the operation of the LUCAS 2, all customers should take this opportunity to review the instructions for use.

If you have updated existing LUCAS 2 devices with this new software, it is important to discard the old operating instructions, distribute the operating instructions (US revision F) that go with this software and inform your staff about the software changes.

Please refer to the LUCAS 2 Operating Instructions for complete information on directions for use, indications, contraindications, warnings, precautions, and potential adverse events. Please train all users of the LUCAS 2 accordingly.

**Changes included with this software release:**

**The LUCAS 2 is now equipped with a quick fit technology, which allows for optimal height placement of the pressure pad prior to starting compressions.**

- If the pressure pad is pushed down too far into the sternum, the LUCAS 2 device will adjust upwards (up to 1.2") when the PAUSE/ACTIVE button is pressed.
- If the pressure pad is not pushed down fully against the sternum, the LUCAS 2 device will adjust downwards (up to 1.2") when the PAUSE/ACTIVE button is pressed.

**The compression depth has been fine tuned according to 2010 AHA CPR guidelines:**

- -0.7" increase in compression depth (to 2.1" ± 0.1" in normal patient)
- 2 compression per minute increase in rate (to 102 ± 2 cpm)
- Double patient population will now receive full compression depth (patients with sternum height < 2.2" will receive a 2" compression while patients with sternum height between 2.2" - 2.7" will receive nearly full compression depth from 1.8" to 2.1")

**Audible alert for "too small patient" prevents earlier for faster recognition that manual chest compressions are required.**

- Three audible signals will alert caregivers immediately if the pressure pad's location (up to 1.5 inches beyond the position for the smallest feasible patient sternum height of 2.2"). Caregivers should revert to manual chest compressions.

**Other noteworthy additions to the LUCAS 2 instructions for use:**

- **Cleaning Agents:** This device has been added to list of acceptable cleaning agents.
- **Operating Temperature:** -4° F to 110° F after storage in room temperature.
- **"Too Shallow Compression" Alert Explanation:** Instructions on how to change a "too shallow compression" alert during operation.

## LUCAS 2, Software Version 2.1 Upgrade Kit

Available from a certified Physio-Control Service Technician, the software version 2.1 upgrade includes a quick fit feature which allows for optimal height placement of the pressure pad and earlier recognition and notification if a patient is too small.

**43576-000001** (U.S.)

**43576-000002** (International English)

# INSTRUCTIONS FOR USE AND TRAINING



## Instructions for Use - Replacement (Software version 2.1)

**26500-003434** English (EN)  
**26500-003433** International English (INTL EN)  
**26500-003430** Croatian (HR)  
**26500-003431** Chinese (ZH)  
**26500-003435** German (DE)  
**26500-003436** French (FR)  
**26500-003437** Dutch (NL)  
**26500-003438** Danish (DA)  
**26500-003439** Swedish (SV)  
**26500-003440** Norwegian (NO)  
**26500-003442** Italian (IT)  
**26500-003441** Spanish (ES)  
**26500-003443** Czech (CS)  
**26500-003444** Polish (PL)  
**26500-003445** Finnish (FI)  
**26500-003446** Greek (EL)  
**26500-003447** Portuguese (PT)  
**26500-003448** Hungarian (HU)  
**26500-003449** Russian (RU)  
**26500-003450** Turkish (TU)  
**26500-003455** Japanese (JA)

## Instructions for Use - Replacement (Software version 2.0)

**26500-003084** English (EN)  
**26500-003085** International English (INTL EN)  
**26500-003086** German (DE)  
**26500-003087** French (FR)  
**26500-003088** Dutch (NL)  
**26500-003090** Danish (DA)  
**26500-003089** Swedish (SV)  
**26500-003091** Norwegian (NO)  
**26500-003092** Italian (IT)  
**26500-003093** Spanish (ES)  
**26500-003094** Czech (CS)  
**26500-003095** Polish (PL)  
**26500-003108** Finnish (FI)  
**26500-003109** Greek (EL)  
**26500-003110** Portuguese (PT)  
**26500-003111** Hungarian (HU)  
**26500-003184** Japanese (JA)  
**26500-003428** Russian (RU)  
**26500-003429** Turkish (TU)



## Product DVD

The LUCAS product DVD features and introduction on the physiology of CPR with Tim Phalen followed by a LUCAS 1 Inservice video and a LUCAS 2 Inservice video.

A great DVD to have for new or refresher training.

**This product must be ordered through your Physio-Control Sales Representative (reference GDR 3304502)**

For further information, please contact Physio-Control at 800.442.1142 (U.S.), 800.895.5896 (Canada) or visit our website at [www.physio-control.com](http://www.physio-control.com).

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