

LUCAS[®] 3 version 3.1 Chest Compression System

Defining setup options

Setup options profile name: _____

Setup options should be changed only under the direction of a physician knowledgeable in cardiopulmonary resuscitation who is familiar with the literature in this area.



Compression rate

Rate at Power ON (compressions per minute)

- 102* 111 120

Allow operator to change rate during operation (multiple options)

- 102* 111 120
(± 2 per minute)



Compression depth¹

Fixed during operation (inches)

- 1.77 1.81 1.85
 1.89 1.93 1.97
 2.00 2.04 2.10*

(± 0.1 inches)



Ventilation pause in ACTIVE 30:2 mode

- Shortest* (3.0-3.3 seconds)
 Short (3.5-3.8 seconds)
 Medium (4.1-4.4 seconds)
 Long (4.6-5.0 seconds)
(pause duration depends on rate)

Compression/Ventilation Ratio

- 30:2* 50:2



Ventilation pause in ACTIVE Continuous mode

Audible Alerts

- On Off*

Alerts per minute

- 6 7 8 9 10*

Ventilation Pause

- No Pause* (continuous compressions)
 Medium (0.8-0.9 seconds; one left out compression)
 Long (1.3-1.5 seconds; two left out compressions)
(pause duration depends on rate)



Suction Cup Start Position

- QuickFit* (automatic adjustment of Start Position within 1.2 inches)
 AutoFit (automatic lowering from top position to Start Position on chest)
 Manual (no automatic fine-tuning of Start Position)

(In all setup options, the operator should push down suction cup to chest manually, then push PAUSE to set Start Position)



Pressure pad release

Piston returns up in ADJUST mode

- Manually* Automatically

Pressure pad release (0.4 inches)

- Off*
 In PAUSE
 During ventilation pauses
 In ACTIVE modes



Audible Timer

1 to 15 minutes, in 1 minute increments

- Off* CPR Timer Continuous Timer

Duration (minutes)

- 1 2 3 4 5
 6 7 8 9 10
 11 12 13 14 15



Device data transmission

Automatic transmission when charging (when configured for and in range of local Wi-Fi[®] network)

- On Off*

Note: Manual transmission is default; push TRANSMIT key when in known Wi-Fi

Assigned as default profile for new devices

- Yes No

* Factory default setting

1. For patients with sternum height greater or equal to 7.3 inches. Smaller patients (from 6.7 to 7.3 inches sternum height) will get from 1.5 inches to [set compression depth].

Defining setup options

LUCAS device(s) assigned with this profile

LUCAS device(s) serial number(s)

LUCAS friendly name(s)

E.g. to describe the location of your device

Configured to Wi-Fi network name(s)

E-mail address(es) for reports and notifications (optional)

LUCAS Post-Event Summary Report

Asset notifications

Selected notifications

To access full list of notifications available, log into your LIFENET® Asset account (click on 'Account/Notifications/General Notifications').

- LUCAS Post-Event Summary Report
 - This report is generated at every device use (uses containing active compressions)
- Needs Attention
 - Includes 'Battery Expiring' – 20 uses or 3 months to go
- Not ready
 - Includes 'Battery Expired' – over 200 uses or 4 years
 - Includes 'Self Test' – if device failed a self test on startup
- Outdated
 - Device has not exchanged data with LIFENET in 14 days. Not an indication of malfunction.

You can customize your LUCAS dashboard in LIFENET Asset (click on 'My Settings/My Dashboard')

For the setup you will need to have the following:

Your local Wi-Fi information

- SSID (Wi-Fi name)
- Encryption type (WEP, WPA...)
- The Key (password)

Wi-Fi configuration tool requirements

- Must use WPA or WPA2 Wi-Fi security protocols
- Must use TKIP or AES Wi-Fi encryption
- Must use Personal (PSK) or Enterprise (EAP-TLS, TTLS or PEAPv0/EAP-MSCHAPv2) authentication
- Supports 2.4 GHz Wi-Fi networks only
- Supports hidden networks

Workstation/pc requirements

- Bluetooth® 2.0+EDR compatible module using Microsoft stack
- Windows® 7 or 10, 64-bit editions
- .NET Framework version 6.4.2 (installed automatically by Wi-Fi Configuration Tool)
- Outbound port 443 open for TCP/IP communication to our server

Date and signature

Name

Date/Year

Support Resources

- The LUCAS Connectivity Guide GDR 3336589 highlights the main steps for LUCAS device setup on the LIFENET System. Please refer to the Guide for further details.
- Please refer to the LUCAS 3 Chest Compression System Instructions for Use (version 3.1) for complete directions for use indications, contraindications, warnings, cautions, and potential adverse events. The Instructions for Use are included with your device or can be obtained at www.lucas-cpr.com or www.strykeremergencycare.com.
- For further technical specifications please refer to the LUCAS 3, v3.1 Data Sheet GDR 3336665.
- For detailed assistance within your LIFENET account please refer to the 'Help' on your account page.
- If you still require help please click on 'Contact Physio-Control' at the bottom of your LIFENET account page.
- For all other inquiries please contact your local Stryker or Physio-Control representative, or click on "Contact Physio-Control" at the bottom of your LIFENET account page.