

Lifepak 20

Defibrillator/Monitor

The smart, flexible answer to your hospital's diverse defibrillation needs

Using ADAPTIV™ biphasic technology, the LIFEPAK 20 Defibrillator/Monitor offers both manual and AED modes for hospital and clinic settings.

The LIFEPAK 20 is highly intuitive to use and adapts to various patient environments. It skillfully combines an AED function for the infrequent, BLS-trained responder, with manual capability so that ALS-trained clinicians can quickly and easily deliver advanced diagnostic and therapeutic care. It's two defibrillators in one.

Simple yet sophisticated, the LIFEPAK 20 enables clinicians at every level to focus on the most important task at hand — saving a patient's life.



SPECIFICATIONS



Weight:
12.3 lbs



Height:
8.4 in

Width:
10.3 in

Depth:
10.3 in

Size (active viewing area):
4.53 in wide x 3.4 in high



Diagnostic:
0.05 to 150 Hz or
0.05 to 40 Hz

Monitor:
0.67 to 40 Hz or 1 to 30 Hz

Paddles:
2.5 to 30 Hz

Analog ECG Output:
0.67 to 32 Hz (except 2.5 to
30 Hz for paddles ECG)



Resolution:
320 x 240 dot color active
LCD. Displays a minimum
of 4 seconds of ECG and
alphanumeric for values,
device instructions or
prompts. Option to display
one additional waveform

2646-2022-07-20

THE LIFEPAK 20 DEFIBRILLATOR/MONITOR HAS SEVEN MAIN OPERATING MODES:

- › Manual Mode: Provides a normal operating capability for ALS users. Allows access to manual mode energy selections up to 360J, synchronous cardioversion and pacing. ECG waveform is displayed.
- › AED Mode: (Consistent with 2005 AHA Guidelines for CPR and ECC and ERC Guidelines for Resuscitation 2005.) Provides a normal operating capability for BLS users. All user features are available except manual defibrillation synchronous cardioversion, pacing, and access to archived patient records. Provides shock energy defaults up to 360J. User selectable option to display ECG waveforms and/or visual AED prompts.
- › Setup Mode: Allows the operator to configure the device settings.
- › Service Mode: Allows the operator to execute diagnostic tests and calibrations, to display device module software and hardware versions, and to display and print the diagnostic code log.
- › Inservice Mode: Simulated waveforms are available for demonstration purposes. The waveforms consist of short segments of realistic data, which are repeated to form a continuous waveform.
- › Archive Mode: Provides operator the opportunity to access records of previous patients for review, transmission, printing, editing or deletion.
- › Auto Test Mode: Performs daily self tests.

DAILY AUTO TEST, THE 20 AUTOMATICALLY COMPLETES THE FOLLOWING TASKS:

- › Turns itself on.
- › Performs self-tests.
- › Charges to a low energy level and then discharges through a test load.
- › Tests the pacing circuitry (if noninvasive pacing installed).
- › Turns itself off.

PERFORMANCE SPECIFICATIONS:

- › The device is an AC line operated device with an internal battery as backup.
- › AC Powered: 90–132 VAC 50/60Hz, 198–264 VAC 50/60 Hz, total power draw less than 120 volt-amperes (VA).
- › Internal Battery Backup: NiMh. Batteries charge while device operates using AC Power.
- › Typical Battery Charge Time: <2 hours when device is powered off and AC power is applied
- › Low Battery Indication and Message: When the device is unplugged, it switches to battery. When battery gets low, the battery detection icon is indicated with a low battery message in the status area, and a warning tone occurs.
- › Warmstart: With inadvertent loss of power (<30 seconds) device retains settings.
- › Service Indicator: When error detected.

OPERATING TIME: A NEW FULLY CHARGED INTERNAL BACKUP BATTERY WILL PROVIDE THE FOLLOWING PRIOR TO SHUTDOWN

- › Monitoring: 120 total minutes; 5 minutes after low battery
- › Monitoring in device without Pulse Oximeter: 35 total minutes; 5 minutes after low battery
- › Defibrillation (360J discharges): 90 total; 3 after low battery
- › Monitoring plus pacing (Minutes at 100 ma, 60 ppm): 70 total; 2 after low battery