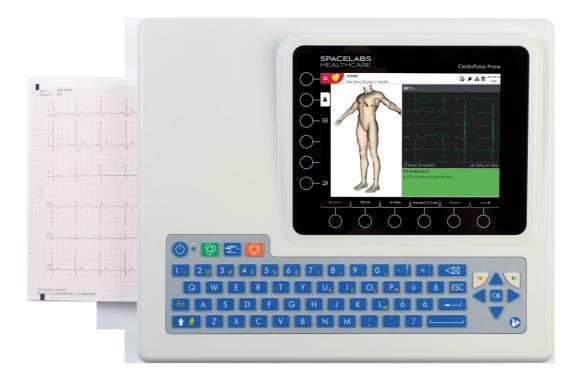


CardioPulse Prime 98310



CardioPulse Prime is an electrocardiograph with strong signal quality and diagnostic algorithms to better enable the care teams for both adult and pediatric patients. The Prime leverages secure bi-directional Wi-Fi communication with HIS/EMR ensuring the care team never skips a beat.

System	
Device	
Dimensions (I/w/h)	15.1 x 12.5 x 3.5 inches
Weight	9.9 lbs. including paper
Ambient conditions	
Temperature:	<ul> <li>Operation: 50 to 104°F</li> <li>Transport: 14 to 122°F</li> <li>Storage: 41 to 122°F</li> </ul>
Humidity:	<ul> <li>Operation: 15 to 95% non-condensing</li> <li>Transport/storage: 10 to 95% non-condensing</li> </ul>
Pressure:	<ul><li>Operating: 700 to 1060 hPa</li><li>Transport/storage: 500 to 1060 hPa</li></ul>
Electrical data	
Power:	Mains or battery operation
Power supply:	100 to 240 VAC, 1.3- 0.7A, 50 or 60 Hz
Power consumption:	Maximum. 64 VA
Battery capacity:	8 hours with ECG printout every 15 minutes
ECG	
ECG amplifier	CF, defibrillation-protected (only with original patient cable)
Interfaces and Communi	cations
Interface:	LAN (Ethernet 1 Gbit), 2x USB, Potential equalization
Anti-theft:	Kensington lock
WiFi:	802.11a, b, g, n
Security protocol:	<ul> <li>WPA2-PSK</li> <li>WPA2 Enterprise/ieee802.1, Authentication: PEAP, EAP-TLS, EPA-TTLS</li> </ul>
PDF export:	PDF / A-1a or b to USB stick (diagnostic PDF, can save PDF in different sizes)
Memory	Internal memory: up to 350 ECG, 100 Resting Rhythm Recordings
Filter	
Low pass filter:	LP 25, LP 40 or LP 150Hz or off (250 Hz)
AC filter:	60 Hz

Recording functions	
	12-lead simultaneous analysis; on screen review of ECG
	Signal quality check and lead reversal detection
	Standard, Cabrera
	Computerized measurements
Lead selection:	Standard 12 lead, Pediatric, Right precordial, Standard C4r, Left posterior, Nehb, Balanced
	Provides 10 seconds of instantaneous ECG acquisition
	Resting Rhythm up to 10 minutes;
QT correction:	Bazett, Fredericia, Framingham, or Hodges

#### Components Color LCD Display LCD Resolution: 1024 x 768 LCD Size: 8" Displayed leads: 6 or 12 Sensitivity: 5,10, 20 mm/mV ECG speed: 12.5, 25, 50 mm/s Review ECG: • on a grid of 3.46 x 5.98 inches • Review speed: 12.5/25/50mm/s • Review amplitude: 5/10/20mm/mV **Review Resting** • on a grid of 3.74 x 5.51 inches Rhythm: • Review speed: 6.25 or 12.5mm/s · Review amplitude: 2.5 or 5mm/mV Printer Internal Thermal Printer with Selectable Print Formats Real-time rhythm strip (Manual mode) Printing number of 6 or 12 traces in Real-time rhythm: Thermo paper Z folded, 210 mm wide (8.5 x 11 inches) Format: Paper speed: 5 /12.5 / 25 / 50 mm/s Sensitivity: 5/10/20 mm/mV Keyboard Sealed silicon alphanumeric keyboard 12 touch keys: Multifunctional keys

3 direct keys:

Acquire resting ECG, start manual printout, stop manual printout

## **Options**

Hardware	Cart (optional)
Communication	
Schiller Server and Schiller Gateway:	Software required for communications:  PDF export to HIS/EMR  DICOM/HL7 ECG export to HIS/PACS  HIS/EMR patient import for Patient Data Query (PDQ)  HIS / EMR Results Export  Orders Import license for HL7 ORM protocol or DICOM modality worklist

Schiller Link:

· PDF export to EMR

· Patient data import

### Warranty

General terms and conditions are available through Spacelabs Healthcare Service plans.

#### Documentation

This product ships with a complete set of comprehensive documentation.

For a full list of available supplies and accessories, refer to the *Spacelabs Healthcare Supplies* and *Accessories Catalog* at https://www.spacelabshealthcare.com/products/supplies.

# Regulatory Approval

#### Certification

Safety and performance standard: 60601-1:

Conforms with or exceeds IEC/EN 60601-1 and IEC/EN 60601-2-25

Protection class according 60601-1:

I

Applied Part according 60601-1:

CF

Classification according Directive 93/92/EEC:

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