

RESTING ECG MACHINE

FEATURES AND BENEFITS

Compact and Lightweight

Provides comprehensive functionality in an ultra-portable device.

High-Resolution LCD

Color display provides real-time preview of 12-lead ECG and post-acquisition review of acquired ECG.

Distinguished Mortara VERITAS™ Resting ECG Interpretation Algorithm

Widely recognized VERITAS™ resting ECG interpretation algorithm uses gender specific and adult and pediatric criteria to provide a silent second opinion for resting ECG interpretation.

Choice of Wireless or Traditional ECG Acquisition

Choice of either the innovative WAM wireless acquisition module or the AM12 acquisition module. Both include replaceable lead wires, lead fail indicator, and remote control with buttons for ECG acquisition and rhythm printing.

Best 10 Technology

Automatically selects and displays the Best 10 seconds of ECG signal from the five minute segment of internal full disclosure, reducing clinical review time and eliminating the need for repeat ECGs.

Full Keyboard

Alphanumeric elastomer keyboard features dedicated "one-touch" buttons for ECG acquisition, rhythm printing, and ECG transmission order retrieval.

Information Exchange

Experience the benefits of bidirectional communication via USB, USB memory stick, internal modem, LAN, wireless LAN, or GPRS mobile with Mortara's E-Scribe™ and Athena products, as well as third party EMR, HIS, and PACS systems via XML, PDF, UNIPRO, and DICOM®.



Cart Not Included

FEATURE SPECIFICATION

FEATURE	SPECIFICATION
INSTRUMENT TYPE	12-lead electrocardiograph
INPUT CHANNELS	Simultaneous acquisition of all 12 leads
STANDARD LEAD ACQUIRED	I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6
WAVEFORM DISPLAY	Backlit, ¼ VGA color LCD (320 x 240); 3, 4+4, or 6+6 lead presentation
INPUT IMPEDANCE INPUT DYNAMIC RANGE ELECTRODE OFFSET TOLERANCE COMMON MODE REJECTION	Meets or exceeds the requirements of ANSI/AAMI EC11
PATIENT LEAKAGE CURRENT CHASSIS LEAKAGE CURRENT	Meets or exceeds the requirements of ANSI/AAMI ES1
DIGITAL SAMPLING RATE	40,000 s/sec/channel used for pacemaker spike detection; 1000 s/sec/channel used for recording analysis
OPTIONAL FUNCTIONS	VERITAS resting ECG interpretation algorithm with age and gender specific criteria; connectivity with bidirectional communication
PAPER	Perforated Z-fold thermal paper, 108 mm (4") wide, 200 sheets
THERMAL PAPER	Computer-controlled dot array; 8 dots/mm
THERMAL PRINTER SPEEDS	5, 10, 25, or 50 mm/s
GAIN SETTINGS	5, 10, or 20 mm/mV
REPORT PRINT FORMATS	Standard or Cabrera: 3, 3+1, 3+3, or 6 channel
RHYTHM PRINT FORMATS	3 or 6 channel with configurable lead groups
KEYBOARD	Elastomer keyboard with complete alphanumeric keys, soft-key menu, and dedicated function keys
FREQUENCY RESPONSE	0.05 to 300 Hz
FILTERS	High-performance baseline filter; AC interference filter 50/60 Hz; low-pass filters 40 Hz, 150 Hz, or 300 Hz
A/D CONVERSION	20 bits (1.17 microvolt LSB)
DEVICE CLASSIFICATION	Class I, Type CF defibrillation-proof applied parts
ECG STORAGE	Internal storage up to 40 ECGs; optional expanded up to 200 ECGs
WEIGHT	7.2 lbs. (3.3 kg) including battery (without paper)
DIMENSIONS	11.25 x 11.5 x 3.75" (29.2 x 30.5 x 10.2 cm)
POWER REQUIREMENTS	Universal AC power supply (100-240 VAC at 50/60 Hz) 110 VA; internal rechargeable battery

MANUFACTURER

McKESSON

WELCH ALLYN

MODEL	LUMÉON® Series	CP50
INTERPRETATION PROGRAM	VERTIAS™	MEANS
PATIENT TYPE	Pediatric and Adult	Pediatric* and Adult
FREQUENCY RANGE	0.05 – 300 Hz	0.3 – 150 Hz
USER INTERFACE	Alphanumeric keyboard, function keys	Touch Screen
DISPLAY TYPE	Color LCD	4.3" Touch Screen
PATIENT ACQUISITION	USB direct (AM12) Wireless (WAM)	Serial direct
STORAGE		
Standard	40	25
Optional	200	
WEIGHT (lbs)	7.2 including battery	4.4 (battery not specified)
AUTOMATED BEST ECG DETECTION (Best 10)	Y	N
CONNECTIVITY	Modem, WLAN, LAN, USB, USB D	USB, USB D, LAN - CP50Plus only
INTERFACES	Bi-directional DICOM, XML, HL7, PDF	Output only (CP50Plus via CardioPerfect SW)
EHR INTERFACE	Y	N (CP50Plus Only)

*The ACC, AHA, HRS, ESC, and American Academy of Pediatrics recommend a minimum of 250Hz for pediatric patients

DESCRIPTION

MFR#

QTY

Resting ECG Machine (AM12, USB, and LAN)	MLBUR150C-C1X	1ea/cs
Resting ECG Machine (AM12, USB, LAN, and 802.11 wireless)	MLBUR150C-81X	1ea/cs
Resting ECG Machine (WAM, USB, LAN, and 802.11 wireless)	MLBUR150C-W1X	1ea/cs

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