MCKESSON
LUMEON. SERIES

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.

Cart Not Included

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®.

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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

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MANUFACTURER	McKESSON	WELCH ALLYN
MODEL	LUMEON® 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 Optional	40 200	25
WEIGHT (lbs)	7.2 including battery	4.4 (battery not specified)
AUTOMATED BEST ECG DETECTION (Best 10)	Y	N
CONNECTIVITY	Modem, WLAN, LAN, USB, USBD	USB, USBD, 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

■ Satisfaction Guaranteed
If you are not completely satisfied with any McKesson Brands product, you may return it for a full refund or credit.

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With McKesson Brands, you'll never have to compromise. We deliver quality products at competitive prices, backed by our 100% satisfaction guarantee. We have decades of experience in the market, and we offer you support and work to help ensure you have the products you need, when you need them—making it even easier for you to provide the best care for your patients.