Baxter

ELI 380 12-LEAD RESTING ECG

PRODUCT SPECIFICATIONS

SOLUTION-BASED DESIGN

- The **ELI** 380 ECG delivers a unique set of display capabilities to enhance interaction with patients while in any position, including swivel and tilt functionality, and a 17-inch impact-resistant, color, capacitive touchscreen display.

EASY-TO-CLEAN SURFACES

- Glass keyboard and display enable more thorough disinfection than electrocardiographs utilizing traditional keyboards. Simplified disinfection assists facilities in complying with infection prevention and control programs.

DISTINGUISHED VERITAS RESTING ECG INTERPRETATION ALGORITHM

- The **VERITAS** resting ECG interpretation algorithm uses gender-specific and adult and pediatric criteria to provide a silent second opinion for interpretation. Hook-up confirmation is displayed, which includes detection of lead reversals.

DATA SECURITY

- Securing ePHI is promoted with centralized device access controls that are integrated with LDAP or Active Directory service. Additionally, encryption both at rest and in transit protects ePHI from the **ELI** 380 ECG to the server.

BARCODE-BASED WORKFLOW

- A scan of the patient's ID bracelet automatically initiates a search for the patient's ECG order. If no order has been placed, the device searches for the patient's demographics via **HL7** ADT.

BEST 10

The device evaluates ECG signal and noise to determine and select the 10 seconds of data with the least amount of noise. Best 10 can simplify ECG acquisition by reducing clinical review time and eliminating the need for repeat ECGs.

WIRELESS FREEDOM

Equivalent in size and weight to a traditional patient cable, the **WAM** wireless acquisition module provides freedom of movement for both patients and clinicians.

INFORMATION EXCHANGE

Bidirectional communication via LAN or wireless LAN enables connectivity to your ECG Management system or third-party EMR, PACS, and CVIS systems.

ELI 380 ELECTROCARDIOGRAPH

FEATURE	SPECIFICATION
Instrument Type	Multi-lead resting electrocardiograph
Input Channels	Simultaneous acquisition of all 12 or 15 leads
Standard Leads Acquired	I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6
12 Lead Alternate Lead Groups	Up to three additional groups can be labeled using any combination of 6 precordial leads with V1, V2, V3, V4, V5, V6, V7, V8, V9, V3R, V4R, V5R, V6R, and V7R lead labels
15 Lead Groups	Three lead groups are available and can be labeled using any combination of 3 leads with V1, V2, V3, V4, V5, V6, V7, V8, V9, V3R, V4R, V5R, V6R, and V7R lead labels
Waveform Display	ERGO: Backlit, 17" color touchscreen display, 180° rotation and 120° tilt
Input Impedance Input Dynamic Range Electrode Offset Tolerance Common Mode Rejection	Meets or exceeds the requirements of ANSI/AAMI/IEC 60601-2-25
Patient Leakage Current Chassis Leakage Current	Meets or exceeds the requirements of ANSI/AAMI ES 60601-1
Digital Sampling Rate	40,000 samples/s/channel used for pacemaker spike detection; 1,000 samples/s/channel used for recording and analysis
Standout Clinical Features	Best 10 automatic capture of the 10 seconds of data with the least amount of noise from the last 5 minutes of full disclosure; Alternate lead placement selection with default for pediatric, right-sided, posterior and any combination of user-defined precordial lead labeling.
Optional Functions	Connectivity with bidirectional communication; SECUR-it; 15-lead acquisition; supports bar code scanners with 39, 128 and 2D capabilities; **AM12**, AM12M, or AM15E acquisition module, equivalent in size and weight to a traditional patient cable
Paper	Smart (210 x 280 mm), perforated Z-fold thermal cued paper with full grid; 250 sheets stored in paper tray
Thermal Printer	Computer-controlled dot array; 1 dot/ms horizontal, 8 dots/mm vertical
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+1, 3+3, 6, 6+6 or 12 channel
Rhythm Print Formats	3, 6, 8 or 12 channel with configurable lead groups
Keyboard	Glass keyboard with alphanumeric keys, soft-key menu, dedicated function keys, and touchpad pointing device
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 500 ECGs
Information Exchange	Requires **ELI** Link software version 4.2.0 or greater
SECUR-IT	Requires software version 1.2.0 or greater and **ELI** Link software version 4.4.0 or greater
AM12M Compatibility	For use with Quickels Electrode Suction Pump Decapus III or greater
Weight	ERGO: 27 lbs (12 kg) including one battery (without paper)
Dimensions	15.5 (width) x 20 (depth) x 5.5 in (height) (39 x 51 x 14 cm)
Power Requirements	Universal AC power supply (100-240 VAC at 50/60 Hz) 110 VA; internal rechargeable lithium-ion battery with support for a second optional battery

Contact your Baxter representative or visit www.hillrom.com to learn more.

Baxter.com
Baxter International Inc.

US-FLC64-230003 Ver 1 FEB-2023