

WAM

MORTARA'S 12-LEAD ECG ACQUISITION MODULE WITH WIRELESS TECHNOLOGY



PRODUCT FEATURES

• Easy Patient Access

Equivalent in size and weight to a conventional wired patient cable, the WAM™ provides freedom of movement for the clinician while acquiring electrocardiograms.

• Easy ECG Acquisition

ECG acquisition can be initiated at the WAM or the electrocardiograph. The WAM offers ON/OFF, 12-lead ECG acquisition, and rhythm printing at the bedside with a simple press of a button. Visual and audible feedback is provided at the WAM.

• Small Spaces Are No Obstacle

Maneuvering the electrocardiograph through the doorway to the patient's bedside is eliminated which is particularly advantageous in critical situations or when the patient is in isolation.

• Point-to-Point Connection

Dedicated and secure communication links the WAM to a single electrocardiograph.

• Diagnostic Quality

Mortara technology features full diagnostic ECG quality with a high-fidelity acquisition sampling rate of 40,000 samples per second per channel, a benefit for accurate pacemaker detection. Elimination of the cable reduces a source of artifact resulting in high-quality ECG tracings.

• Efficient Power Management

Under typical usage, the battery operated WAM can acquire 250 resting ECGs. Advanced power management automatically turns WAM off.

12-LEAD wireless acquisition module

 Mortara



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ISO 13485 CERTIFIED

**WARRANTY + SERVICE**

Mortara Instrument is committed to the highest level of customer support. Please contact us for the program which will be best suited for your needs.

WAM™ WIRELESS ACQUISITION MODULE

FEATURE	SPECIFICATIONS*
INSTRUMENT TYPE	12-lead wireless acquisition module for resting ECG
INPUT CHANNELS	12-lead signal acquisition and transmission
ECG LEADS TRANSMITTED	I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, and V6
WAM TRANSMISSION PROTOCOL	Bidirectional and frequency hopping; beacon and response method links a single acquisition module to a single electrocardiograph
FREQUENCY RANGE	2400.96 MHz to 2482.56 MHz
WAM AND RECEIVER DISTANCE	Approximately 10 feet (3 meters)
LEAD SET	RA, LA, RL, LL, V1, V2, V3, V4, V5 and V6 (R, L, N, F, C1, C2, C3, C4, C5 and C6) with detachable lead wires
SAMPLING RATE	40,000 samples/second/channel acquisition; 1,000 samples/second/channel transmitted for analysis
RESOLUTION	1.875 microvolt LSB
USER INTERFACE	Three-button operation: ON/OFF, 12-lead ECG acquisition, and rhythm strip acquisition
DEFIBRILLATOR PROTECTION	Complies with AAMI standards and IEC 60601-2-25
SPECIAL FUNCTIONS	LED indication of power status, operating mode, lead fault, and remaining battery charge
DEVICE CLASSIFICATION	Type CF, battery operated
WEIGHT	6.7 oz. (190 g) with battery
DIMENSIONS	4.45 x 4.25 x 1.1" (11.3 x 10.8 x 2.79 cm)
BATTERY	1 AA alkaline battery typically powers WAM for acquisition of 250 resting ECGs

*Specifications subject to change without notice.

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