

IVY Gated 3000 Series ECG

Model 3000 Series



The Model 3000 series of Cardiac Trigger Monitors is a family of easy to use colour monitors that displays a single ECG waveform, large heart rate, and alphanumeric characters for other data, alarm messages, menus and user information. The 6.5" colour display features a super wide viewing angle and high contrast that enhance visibility of patient data.

The synchronized trigger output produces a trigger pulse starting at the peak of each R-wave. A TRIGGER MARK clearly indicates the timing of each synch pulse with respect to the ECG. Customer can specify the trigger pulse width of 1ms, 50ms, 100ms, or 150ms and the choice of RS-232 or TTL trigger pulse output is also available.

The Model 3000 is intended primarily for use on patients in critical care areas such as intensive care units, emergency rooms, recovery rooms, and surgical applications. It can also be used for applications requiring precision R-wave

synchronization such as defibrillation cardioversion and timed imaging studies.

The Model 3000 series has a universal power supply that operates from 100 to 230 VAC and automatically selects the correct ECG notch filter (50 or 60Hz) to reduce interference on the ECG signal. An optional integrated ECG simulator is available to test the integrity of the patient cables, lead wires, and electronic circuitry. An optional integral recorder is also available.

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Display

Type: Active Matrix TFT Colour LCD (640x480)
Trace: Single Trace with Freeze Mode
Screen Size: 13.25 cm x 9.94 cm,
Sweep Speed: Moving Bar Selectable @ 25 or 50 mm/sec

Synchronized Output

Phase Delay From Electrode Leads to Synchronized Output: 3 ms (1mV @ 80ms R-Wave)
R to R Trigger Accuracy: $\pm 50 \mu\text{s}$ typically
Pulse Width: Standard 150ms. Optional pulse width of either 1 ms, 50 ms or 100 ms also available. TTL compatible
Pulse Amplitude : Option of 0 to 5 V or $\pm 0 -12 \text{ V}$
Sensitivity and Threshold Adjustment: Fully Automatic
Colour Marker on ECG display identifies Trigger Point.

WE HAVE IN STOCK COMPLETE REPLACEMENT LEADS FOR THESE ECG SYSTEMS

3000 Series Gated ECG With Out Recorder

3000 Series Gated ECG With Recorder

