

ACCUSYNC R-WAVE TRIGGER

ECG system for cardiac stress studies

AccuSync 71 is available as a 3-lead ECG gating system designed to detect the R-wave without delay. Its state-of-the-art circuitry and configuration minimize the noise factors inherent during cardiac procedures.

FEATURES:

- *Automatic R-Wave Detection*
- *Menu-driven parameter selection*
- *Color Active Matrix Display*
- *Selectable ECG Leads*
- *External ECG Interface*
- *Available with or without printer*

SPECIFICATIONS:

Dimensions: 9" w x 6" h x 7" depth (22.8 x 15.2 x 17.8 cm)

Construction: Aluminum

Power (selectable): 115/230 V ~ 50/60 Hz .5/1.25 Amps

ECG Isolation Amplifier

Patient Leakage Current: less than 10 micro-amps with 120 VAC, 60Hz, applied to the patient leads. Patient related circuitry is isolated from ground by more than 4000 volts, 5500 volts peak

Defibrillator Protection: 5000 volts, 10 milliseconds duration

Common Mode Rejection: 100db with 51 kilo-ohms imbalance

Input Impedance: 100 megohms

Bandwidth: Diagnostic: 0.05 to 100 Hz

LCD TFT Display: 0.5 to 50 Hz

Printer: 0.05 to 100 Hz

Patient Cable: 3 lead system, RA, LA and LL with 9 pin connector.

Input Bias Current: 50 nanoamp dc

Electrode Offset Potential: +/- 0.5 volt.

Sensitivity: 100 microvolts peak

Display

Menu driven selection of parameters displayed on 16-color TFT Active Matrix Display.

Display Area: 5.3" w x 3.85" h (13.5 x 9.8 cm)

Display Indicates: Heart Rate, R-R interval, ECG size, ECG lead selection, Audio, Freeze and Print indicator, R-trigger event marker.

Outputs

The R-trigger is a 5 volt TTL or CMOS compatible square wave for the computer trigger; independent of ECG signal polarity. No delay. When R-wave is detected, a mark is super-imposed on the R-wave to indicate the presence of an R-trigger signal triggering the computer.

- The output can deliver 35 milli-amps of current or drive up to 150 feet long RGU 174/U cable. R-trigger is compatible with all computers including ADAC, DEC, Elscint, GE, Hitachi, MDS, Picker, Sopha, Technicare, Toshiba, SMV and Siemens.

- ECG Output Input x1500 available on a BNC connector. All AccuSync instruments are equipped with an audio indicator activated on each R-wave detection.



Lightweight and compact design displays heart rate, R-R interval, ECG size, ECG signal selection, Audio, Freeze signal capability, and R trigger event marker.

R-Wave Trigger Models:

189-079 AccuSync 71, 3-lead ECG system	\$3,495.00
189-080 AccuSync 71, 3-lead ECG system with printer	\$4,600.00

Replacements:

189-083 Lead Wires, 3/set	\$125.00
189-085 Patient Cable, 9-pin	\$250.00
189-001 Paper, Thermal, 3 rolls/pkg	\$21.00

For 189-080

Prices subject to change without notice.

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J. Gravengaard Corporation

Medical Imaging Sales & Service

PO Box 20171 Portland, Oregon 97294 Nationwide (800)796-SCAN Local (503)255-0535 Fax (503)255-7047