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Model 7600

Overview



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The Model 7600 is Ivy Biomedical System's 5th generation cardiac trigger monitor used in applications requiring precision ECG R-wave synchronization for gating host systems on and off. The Model 7600 incorporates an intuitive, menu-driven, touch-screen user interface, simplifying operation for clinicians and technicians.

Applications

The Model 7600 is a favorite for use in cardiovascular diagnostic imaging studies, especially in gamma camera, nuclear medicine, and molecular imaging applications.

Worry Free Operation

Acquiring reliable and consistent ECG triggers can often be a challenging task, and selecting the right ECG vector can be problematic. The Model 7600 uses a 4-lead ECG configuration in order to provide automatic lead selection capability. This feature monitors each ECG vector simultaneously, and automatically selects the best ECG lead for triggering, thereby delivering reliable triggering even under challenging or changing patient conditions. Red markers on the ECG waveform indicate when and where triggering occurred for visual verification and assurance.

Key Features

The Model 7600 offers a compact 6" diagonal color TFT display, ECG simulator, heart rate limit alarms, RS-232 communication interface, multiple factory configured trigger output pulse width and amplitude options, optional integrated strip chart recorder, optional roll stand mount, and more at an affordable price.


Precision Performance

The Model 7600 offers trigger pulse output performance with less than 2ms of delay, and $\pm 75\mu\text{s}$ of dither (accuracy), ensuring consistent and reliable triggering.

Regulatory & Compliance

All Ivy Biomedical products comply with global standards for safety, EMC, quality management, and environmental requirements.

Call 1-800-247-4614 to speak with a customer service representative today!

 [Contact Us \(contact.html\)](#)



Ivy Biomedical Systems, Inc. is a privately-held medical device company headquartered in Branford, Connecticut. We are the market leader for precision cardiac gating monitors used for synchronization of radiographic image acquisition across all major modalities including nuclear medicine/molecular imaging (NM/MI), computed tomography (CT), magnetic resonance (MR), positron emission tomography (PET), and single photon emission computed tomography (SPECT).

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