Simultaneously record and visually monitor biophysical phenomena

**WITH THE NEW MULTI-CHANNEL**

**SANBORN 550M Series**

Poly-Beam Photographic Recording System

**SPEED and SENSITIVITY** of the 550M System permit diagnostically accurate recording of fast changing phenomena such as heart sounds and small-animal ECG's and of low-level signals such as small-muscle myograms, EEG and fetal ECG.

**VERSATILITY and FLEXIBILITY** of the 550M design offer many advantages. The system can be purchased with only 4 or 6 channels and minus the monitoring unit. Additional *interchangeable* plug-in preamplifiers (up to a total of 8), plug-in mirror galvanometer inserts and the visual monitoring unit — consisting of an electronic switch, vector timer and oscilloscope — can be added later.

**ADDITIONAL FEATURES** include: entire 6 inch chart width available to all beams...ability of beams to be *superimposed* to all beams...ability of each beam to cross each other...photographically registered *timing* and *amplitude lines*...trace interrupter for *beam identification*... provision for elimination of *amplitude lines* from part or all of the record... choice of 8 chart speeds from 1.25 to 200 mm/sec... display on the monitoring unit of up to four waveforms at once, or vector loops, as either a substitute for or a supplement to the recorder... exposed film container can be removed at any time under normal light... event marker included... provision made for remote control... viewing window permits observing and positioning of galvanometer beams.

The new 550M Poly-Beam is a completely self-contained recording — monitoring system built into a single, mobile cabinet only 22" wide and 6' high.

Sanborn also offers a new *direct-writing* recorder, the 350M Series — in a 6- or 8-channel system. Plug-in "350" style preamplifiers can be used interchangeably with the 550M Series which is identical in cabinet size and style.

Write for the new 8-page 550M catalog, or the complete catalog describing the major Sanborn instruments for measuring, recording or monitoring biophysical phenomena. The Sanborn Branch Office or Service Agency nearest you can also supply complete information on any or all Sanborn equipment.

**SANBORN COMPANY**

**MEDICAL DIVISION**

175 Wyman Street, Waltham 54, Massachusetts
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