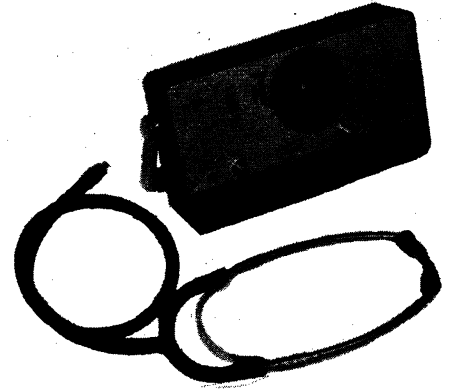


SPHYGMOSCOPE

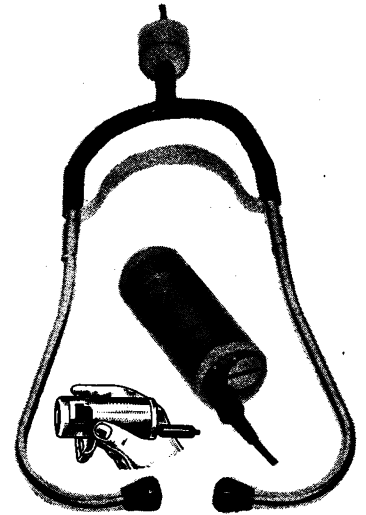
A new electronic blood pressure apparatus. Sphygmoscope includes, in addition to the established flashing light/bleep indication of Systolic to Diastolic, an alternative method of blood pressure. A separate amplifier is incorporated which, together with the binaurals supplied, gives over 1000 times amplification, adjustable by volume control, of the actual Korotkoff sounds, from first "thud" to "blowing sound" disappearing. The electronic stethoscope method is particularly useful where sounds are difficult to detect, e.g. obese patient, noisy environment, emergency use, ambulance, critical condition — will detect and amplify a Diastolic as low as 20/30mmHG. In life assurance medicine, the instrument is unsurpassed in picking-up clearly the transition from Phase 4 to 5. Sphygmoscope offers two methods of use. (1) Without stethoscope: the transducer type cuff is deflated and, as the manometer needle falls, the first flash noted on the aneroid dial accompanied by bleep sound denotes Systolic the last flash/bleep indicating Diastolic. (2) With stethoscope: the binaurals are plugged-in to the instrument, bleep switch is turned off, volume adjusted to suit users preference. The instrument is solid state IC equivalent to eighty transistors, to give stable and accurate long-life operation. Extra long cuff and binaural hose are supplied to facilitate ease of use. Power is supplied by 6 — 1.5v standard long life batteries. 20-300mmHG easy read manometer dial. Velcro cuff with additional strap for firm application. Dimensions: 7.6 x 2 x 3.9 inches. Weight 2.5 lb. Supplied with hard compact carrying case. PRICE £65.00 (UK + VAT)



ELECTRONIC STETHOSCOPE MOST POWERFUL STETHOSCOPE AVAILABLE

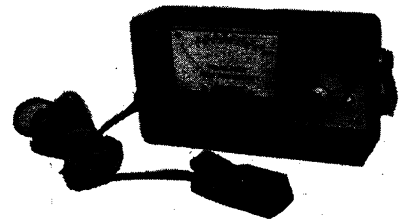
6th YEAR OF SUCCESSFUL SALES

Extreme amplification, sensitivity, high fidelity, wide frequency band, unobtainable using a conventional stethoscope. For Cardiology and Chest work, the change-over switch from high to low frequency is invaluable. Unsurpassed in hearing clearly faint heart murmurs, etc., Phase 4 to 5 in blood pressure recording. The Micro-electronics are contained in a compact unit of 3 1/2" x 1 3/8", weight 8 oz. Frequency range 20 Hz to 1500 Hz. Overall Amplitude 40 dB at 100 Hz. Piezoelectric ceramic microphone for maximum efficiency. Uses long-life Mallory Mercury cells x 2. Finger tip on/off and volume control. Auxilliary output socket for second set of binaurals — allows two Physicians to listen or teacher student purposes. May be connected to Oscilloscope, ECG for Phono-cardiograms. Unit consists of Electronic body plug-in binaurals, batteries, carrying case. PRICE: £49.50 (UK + VAT) OPTIONAL SECOND SET OF ELECTRO-BINAURALS £12.50.



ELECTRONIC PULSE - MONITOR

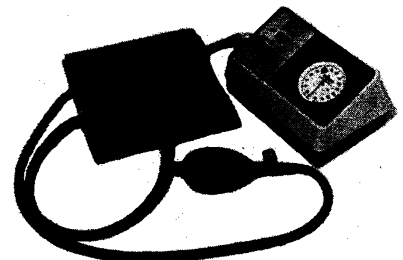
Indicates Pulse Rate and Rhythm instantly with audible bleep and flashing light on ratemeter. Simply insert ring-finger (thumb for child) into spring action photocell transducer and switch ON. Volume control for bleep or switch-out. Power: 6 — 1.5v Penlight long-life batteries. 3 Metre (10 ft) transducer cord. Scale 30-200 BPM. Easy-read 85 x 65mm (3 1/2" x 2 1/2") rate meter. Built-in table stand. Complete with carrying case, finger transducer, batteries. PRICE: £85.00 (UK + VAT)



ELECTRONIC SPHYGMOMANOMETER

NO STETHOSCOPE REQUIRED

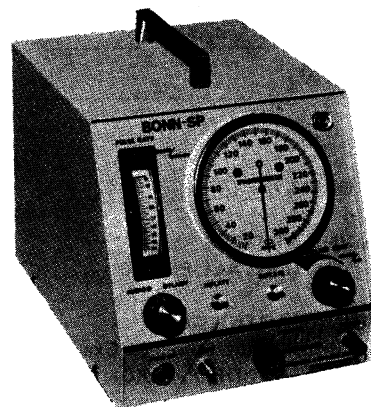
The popular Model B200. 5th year of successful sales. No stethoscope required. As cuff is deflated and Aneroid needle descends, first red flash on Aneroid dial with audible bleep indicates Systolic. Further flashing/bleeping synchronously with pulse beat. Last flash/bleep indicates Diastolic. Supersensitive microphone in velcro cuff. New non-slip type velcro cuff. New one hand bulb valve control — extremely precise and smooth. Long tubes for ease of use. 20-300 mm/HG Manometer. Power: 4-1.5v Penlight long-life batteries. PRICE: £45.00 (UK + VAT)



ELECTRONIC FULLY AUTOMATIC SPHYGMOMANOMETER

OVER 5000 TIMES AMPLIFICATION OF BLOOD PRESSURE SOUNDS

No Stethoscope required. For fast routine use, mass screening, clinical research, ergometry, etc., this unit offers fully automatic inflate/deflate, with simultaneous indication of pulse rate frequency. Additionally, there is an optional operation of switch-in to a built-in speaker, which gives several thousand times amplification of the actual Korotkoff sounds, from pre-Systolic to first "thud" to last "blowing sound". This feature has a volume switch, doubling as a sensitivity control, for such use as obese patient, critical condition where detection of Diastolic is difficult. A deflate air-speed control is provided. As the cuff is allowed to deflate, Systolic through to Diastolic is determined by flashing light on the easy-read 10cm (4") Aneroid dial. At Systolic, the pulse rate monitor commences to indicate beat per minute and will hold the reading until the instrument is switched-off. Dimensions: 177 x 198 x 205 mm (6 3/4" x 7 3/4" x 11 1/2") Weight 7.5 kg (16.5 lb) Power 220/40v AC.110/15v to order. Supplied complete with transducer type velcro cuff and earphone for quiet listening. PRICE: £295.00 (UK + VAT) An alternative model is available, with a mercury column and pre-setting of inflation control, but without pulse frequency monitor.



Very suitable for non-medical operator. Gives consistent interpretation of sounds to every user, where stethoscope method of blood pressure indication may be difficult.

Also available:— Automatic Sphygmomanometer, Aneroid Manometer type with Pulse Frequency Monitor and print-out recorder. A heat-sensitive card marked-out as a Manometer dial is inserted into the instrument; on withdrawal indicates by printed dots around the Manometer dial Systolic to Diastolic pressures. Also the BOSOMAT MODEL. Fully automatic Aneroid Manometer type with Pulse Frequency Monitor, and Thermo-Print-Out Paper Recorder — as each Korotkoff signal occurs, a stylus interrupts the printed rising pressure curve by a vertical deflection repeated up to Diastolic pressure. This instrument will operate hour after hour without supervision. Programming is also available within a one hour period at pre-settings to suit the operator — possible intervals 1/2/3/5/10/15/20/30/45/60 minutes. BOSOMAT is particularly suited for Ergometry.

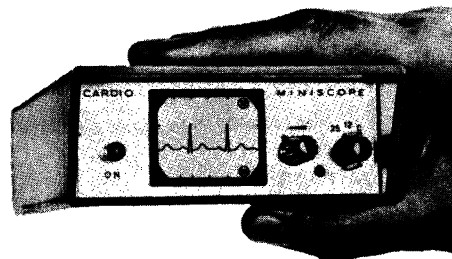
INSTANT DIAGNOSIS WITH **CARDIO - MINISCOPE** USE ANYTIME - ANYWHERE

CARDIO-MINISCOPE does away with the complexities, weight, expense, reliance on mains power of a conventional Cardioscope. The electrodes are an integral part of the unit and are simply pressed against the chest to left of the sternum, eliminating time wasting fixing leads to the extremities. Big picture display by magnifying lens screen. Display equal to 2nd extremity/thoracic lead. Instant recognition of disturbed cardiac rhythm, normal to weak, Asystolia, Sinus Tachycardia, Ventricular Tachycardia and Fibrillation, AV-Block 1/2/3rd Stage. Extrasystoles, etc., etc.

POWER: 4 "C" 1.5 V batteries — replace once or twice a year. Easy-read heart rate scale 30-80, 60-180 on 12 mm/sec and 25 mm/sec sweep. Constant 1 mV calibration. Flashing light synchronous with R-Wave per minute. Adjustable 4x amplification of a weak signal.

CONTROLS: Switch ON and Sweep Selector. Auto Switch OFF after one minute — conserves battery — Switch ON tracing reappears. Size 4.5 x 11 x 18 cm. Weight 790 gm. Complete with standard electrodes.

PRICE: £320.00 (UK + VAT). (Optional accessories — plug-in electrodes for child/infant use, £21.00. Extremity 3 cable lead adaptor (EINTHOVEN) for connection to ECG electrodes, £21.00.



ALSO NOW AVAILABLE: **CARDIO-MINI-WRITER. SIMILAR TO CARDIO-MINISCOPE WITH BUILT-IN ELECTRODES BUT WITH PAPER CARTRIDGE AND HEAT STYLUS PEN TO GIVE PERMANENT RECORD OF TRACINGS. (MAY BE PLUGGED-IN TO CARDIO-MINISCOPE SO PROVIDING OSCILLOSCOPE AND PAPER RECORD TRACINGS)**

OVERSEAS ORDERS PROMPTLY DESPATCHED — WRITE FOR PRO-FORMA INVOICE

ANDREW STEPHENS (1947) CO. MEDICAL ELECTRONICS
41/BSM DICKSON ROAD, BLACKPOOL, U.K. TEL. 0253 - 23755
 LONDON SHOWROOMS — FLEMING AND ASHDAY LTD., 117 PRAED ST., PADDINGTON, W.2. TEL. 723-6248