

Ausculettetm

Telemedicine Auscultation System

Diagnostic quality sounds for Telemedicine



Ausculette II Telemedicine Auscultation System

- ♥ **Superb Sound Quality** - Exceptional sound quality. Hear to believe
- ♥ **Compatible with Tandberg, Polycom, VTEL and Life Size Teleconferencing Systems** - Cables are supplied
- ♥ **Volume and Filter Controls** - Frequencies from 20-4000Hz. High pass filter reduces outside noise
- ♥ **Specialist Adult Diaphragm** - Machined from High grade stainless steel. Improves sound sensitivity
- ♥ **Specialist Adult Bell, Specialist Pediatric Bell** - Optional Specialist Adult and Pediatric bells available.
- ♥ **Five outputs for multiple listeners**

The Ausculette II is a small, line-operated bedside auscultation system. It consists of two stethophones, a stethoscope assembly and wall-mounted power transformer. The stethoscope is placed on the patient in the normal manner. Each listener inserts a stethophone into the rear panel of the Ausculette II and can hear simultaneously. Sounds can be amplified or filtered as desired. A high-pass filter allows attenuation of sounds from 20 Hz to 500 Hz. Heart and breath sounds can be filtered to accentuate grade I murmurs or very faint fine crackles.

Another version of the Ausculette is the Ausculette M that is supplied with a conference mode switch. This enables the sending site to switch to the "Stethoscope" mode or remain in the "Room Microphone" mode. The microphone is inserted into the rear panel. When using the Ausculette M, the sender places the stethoscope on the patient. He/she can still hear instructions from the receiving station while placing the stethoscope. Volume is adjusted by a volume knob on the front panel.



SimulScope®

Telemedicine Auscultation System

Diagnostic quality sounds for Telemedicine



SimulScope Telemedicine Auscultation System

The SimulScope offers unparalleled sound quality. With eight graphic equalizer filters in the precise frequencies for heart and breath sounds, the SimulScope can bring out faint murmurs or soft breath sounds. With a frequency range from 0 to 4000Hz, all heart and breath sounds can be heard - even high frequency pediatric breath sounds.

The SimulScope is supplied with two Heartman Infrared Headphones for multiple listeners. Additional headphones can be added up to 25. The SimulScope is also ideal for teaching.

With the addition of software, both sounds and ECG can be displayed on a PC at the receive site.

The SimulScope can be used with most teleconferencing systems including Tandberg, Polycom, VTEL and Life Size. The SimulScope is supplied complete with all connection cables.

Designed and manufactured by Cardionics, the SimulScope is a proven instrument.

Ordering Information

| <u>Cat. No.</u> | <u>Description</u> |
|-----------------|--|
| 718-7006 | SimulScope Telemedicine Auscultation System |
| 718-0100 | Ausculette II Telemedicine Auscultation System |
| 718-0110 | Ausculette M Telemedicine Auscultation System |
| 718-8055 | Pocket Monitor PC software |



Phonocardiogram from SimulScope using Pocket Monitor PC software

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