

PCP-SSP Software

FDA Cleared Stethoscope Signal Processing Software Used with the PCP-USB Chest Piece

PCP-USB Chest Piece:

- Single piece assembly.
- 20 Hz – 2,000 Hz bandwidth.
- Plugs into USB port of PC.



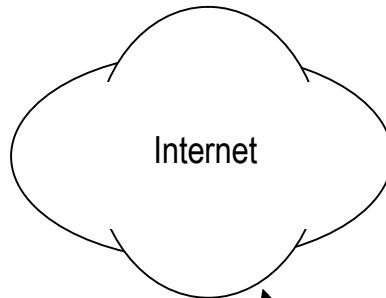
PC with Video Conferencing

PCP-SSP on Patient Station*:

- Provide local monitor so clinician with patient can hear same sounds as remote clinician.
- Selection of audio filters to focus on heart versus lung sounds.
- Room audio can be automatically muted when the stethoscope sounds are transmitted.

The stethoscope signal shares the audio channel with the room microphone of the video conference system.

PCP-SSP processes the stethoscope signal before directing it to the audio channel.



PCP-SSP software provides the FDA 510K clearance for the signal processing of auscultation data as required by the FDA for telemedicine applications.

Remote Station:

- Stethoscope signal comes over video conferencing audio channel.
- No additional stethoscope software.



PC with Video Conferencing



*Works on Window's PCs with video conferencing software.