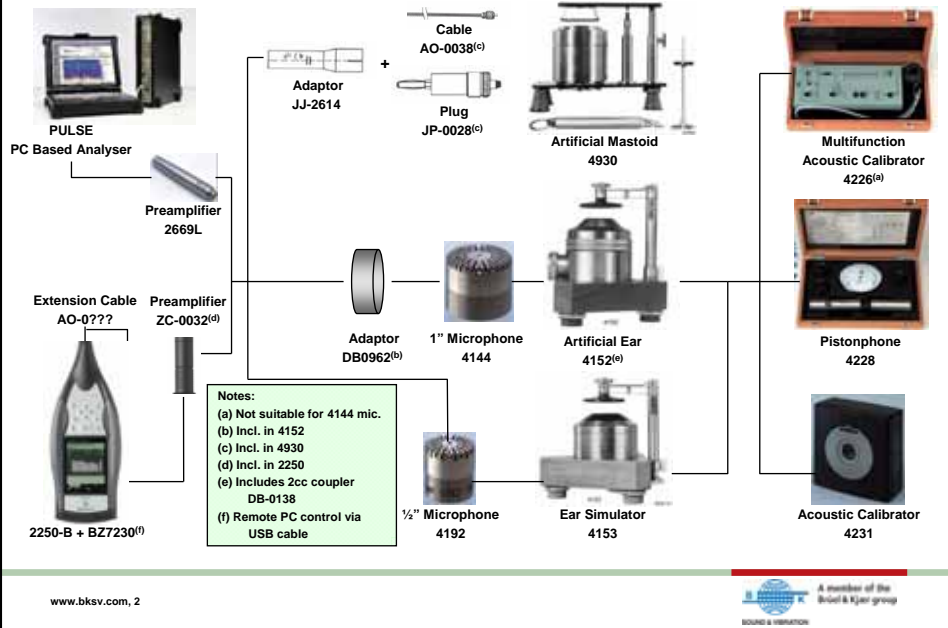


Audiometer Calibration

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AUDIOMETER AND BONE CONDUCTOR CALIBRATION SYSTEM



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Current Method of Testing

- *Audiometer: Set Hearing Level and Frequency*
- *Meter: Set Serial, 1/3-Octave filter*
- *Meter: Read level*
- *Standard: Read reference equivalent threshold SPL (RETSPL) and subtract from meter reading to get measured Hearing Level*
- *Oscilloscope or Frequency Counter: Calculate or read frequency (filtered signal output from meter)*
- *Meter: Read levels at harmonics, sum and divide by fundamental to calculate Total Harmonic Distortion (THD)*
- *Paper: Record parameters*

Testing with 2250

- *Audiometer: Set Hearing Level and Frequency*
- *Meter: Select Auto-Peak cursor*
- *Meter: Read corrected level*
- *Standard: Read reference equivalent threshold SPL (RETSPL) and subtract from meter reading to get measured Hearing Level*
- *Meter: Read corrected frequency*
- *Meter: Select Harmonic cursor and read THD*
- *Paper: Record parameters*

Testing with 2250 + PC

- *Audiometer: Set Hearing Level and Frequency*
- *PC: Make measurement*
- *PC: Export parameters to Excel*