System Requirements

- Windows 2000, Windows XP

- Intel Pentium III Processor

- 256MB System RAM

- Sound Card

Features

- Real-time multi-channel waveform display

- Desktop (16-bit DAC) or Laptop (12-bit DAC) versions

- High speed audio, pressure, flow waveform sampling and processing (20KHz sampling/channel)

- User-defined protocol window function

- Calculation of nasal cavity, velopharyngeal airway and laryngeal airway resistance

- Cursor and Zoom functions

- Automated, fast calibration routines for pressure and flow signals

- ASCII output files for VP_r and L_r, P_0 and $\dot{V}$

- High fidelity audio (voice) playback through sound card

- Single user operation

Future Enhancements

- Laryngeal engagement and disengagement algorithms

- Integrated normative database for pressure, flow and derived resistance measures

- Extended graphics

- Publish measurement data over the Internet, and sample remote measurements in another laboratory environment

Screen Shot