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The *Computerized Speech Lab (CSL™)*, Model 4300 is the most powerful computer-based system available for speech acquisition, analysis, editing and playback.

Complete System

CSL comes complete with all hardware (except the computer) and comprehensive software and works on an IBM® PC AT or compatible personal computer. The software operates in a "windows" type environment using pull-down menus. The hardware includes two input channels (each at 50 kHz sampling at 16 bits), digital anti-aliasing filters, a 40 MHz digital signal processor and digital output filters.

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Additional software is available depending on your specific application. For example, voicing parameters (jitter, shimmer and harmonic-to-noise ratio) provide clinicians with quantitative data on their patients' performance. The LPC synthesis program provides linguists, speech scientists and their students with powerful editing capabilities including formant frequency, bandwidth, pitch and temporal modifications. New programs are under development to further enhance CSL's capabilities. The CSL is also an ideal companion for Kay's DSP Sona-Graph™ speech workstation, Model 5500.

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To find out more about the CSL.

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Journal of the International Phonetic Association

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References

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