

Background

Founded in 1947 as Kay Electric Company and incorporated in 1970 as Kay Elemetrics, Kay specializes in providing leading speech, voice, and swallowing analysis instrumentation to otolaryngologists, speech-language pathologists, voice scientists, and linguists. Kay instruments are the most widely used in their product categories at clinics, hospitals, and universities throughout the world, with greater than 60% – and up to 80% – market share across all product lines in most markets served. Speech and voice professionals depend on Kay products for their clinical and research needs because of their superior quality, versatility, ease-of-use, and Kay's distinguished customer support. Kay's motto is "World Leaders in Speech, Voice, and Swallowing Instrumentation."

Mission Statement

Kay is dedicated to the design, manufacture, and marketing of biomedical instrumentation aimed at improving quality of life. Specifically, we are devoted to maintaining our worldwide preeminent position in the medical diagnostic and allied therapeutic areas of speech, voice,

and swallowing instrumentation. We also seek out and pursue the development of products in complementary markets consistent with the company's strengths.

Kay is committed to outstanding quality in its instrumentation design, customer service, and support. We believe that our market leadership entails a responsibility to the highest levels of ethical business practices and service to the marketplace.

General Manager

John M. Crump

Number of Employees

33

Markets Served

Kay's products are used by speech-language pathologists, otolaryngologists, phoniatricians, and linguists in the United States and more than 40 countries around the world.

Major Products

Kay's product line encompasses the diverse areas of laryngeal imaging, acoustics, swallowing instrumentation, and aerodynamics. Kay's dominance in the markets it serves is a result of Kay's longstanding commitment to offering the best technology and support to its customers.

- **Stroboscopy and Laryngeal Imaging Systems**

Kay's comprehensive line of stroboscopy systems ranges from cost-effective entry-level systems to highly sophisticated, computer-integrated stroboscopy. Kay's stroboscopy systems are used in the leading ENT clinics and are frequently cited in peer-reviewed articles. All Kay systems rely on a "true" strobe light for superior image quality. In addition to its acclaimed stroboscopy instrumentation, Kay also offers laryngeal imaging products for clinical researchers. These include videokymography (VKG) and high-speed video systems which enable visualization of vocal fold physiology regardless of vibratory pattern.

- **Speech Analysis and Feedback Products**

More than 50 years ago, Kay's founders introduced the first commercially available sound spectrograph, the Sona-Graph. Today Kay offers a comprehensive suite of acoustic analysis products for clinical assessment, therapy, and research. These products are available in multiple configurations to suit customers' requirements and budgets:

- **Visi-Pitch** – Kay's most widely used analysis and feedback tool, with eight standard modules and optional programs.
- **Multi-Speech and Sona-Speech** – Kay's cost-effective soundcard-based, software-only alternative.
- **Computerized Speech Lab** – Kay's most advanced speech analysis system. This comprehensive technology is the system of choice for sophisticated clinicians and university researchers.

In addition, Kay also offers 15 application-specific add-on options, such as Multi-Dimensional Voice Program, Voice Range Profile, Motor Speech Profile, among others.

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PENTAX Medical Company & Kay Elemetrics Corp.

A Perfect Fit



Major Products (Continued)

• Swallowing Instrumentation

The Digital Swallowing Workstation (DSW) is a powerful, multi-functional system containing a robust set of features that have been integrated into one platform for dysphagia clinicians and researchers. DSW can be used to assist with virtually every aspect of dysphagic patient management, from initial assessment through rehabilitation.

Comprised of three separate modules (available separately), the workstation includes a digital video recording system to record fluoroscopic and FEES exams, a multi-parameter physiologic data acquisition system to analyze critical aspects of swallowing function, and a videoendoscopic system. Video and physiologic data can be recorded concurrently for comprehensive assessment. DSW is used in the leading dysphagia centers worldwide.

• Facilitator and Auditory Feedback Tools

Sold as a module to Visi-Pitch and CSL, these tools provide five types of auditory feedback: DAF, masking, amplification, metronome, and loop playback.

• Nasometer II

The Nasometer is designed for the assessment and treatment of nasality problems, and delivers both visual feedback and quantitative measurements that correlate well with more invasive techniques. The Nasometer is used in cleft palate centers throughout the world.

• Electroglottograph (EGG)

Kay's EGG is a unique, non-invasive instrument for displaying vocal contact patterns. It measures impedance across the larynx via electrodes placed on the neck, and can be used in conjunction with CSL, Visi-Pitch, and Kay's stroboscopy systems.

• Phonatory/Aerodynamics System

Kay's Phonatory/Aerodynamics system measures key aerodynamic and intraoral pressure parameters during phonation. Aerodynamic assessment complements acoustic and laryngeal imaging to provide a comprehensive assessment of a patient's vocal function.

Headquarters

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