

The Lab

Dick Stern

Applied Research Laboratory, The Pennsylvania State University
PO Box 30, State College, PA 16804

G.R.A.S. ACQUIRES THE KEMAR ACOUSTIC MANIKIN LINE



KEMAR Manikin

G.R.A.S. Sound & Vibration has recently announced the acquisition of the acoustic manikin line from Knowles Electronics of Itasca, Illinois. The KEMAR line of acoustic manikins is recognized as the industry's standard anthropomorphic manikin used for sound field testing in the telecommunications, hearing health, noise prevention, and vibroacoustic testing industries.

G.R.A.S. Sound & Vibration took ownership of the KEMAR product line effective 1 July 2005 and became responsible for KEMAR manufacturing, engineering, sales, service, repair, warranty, and technical assistance activities.

G.R.A.S. Sound & Vibration is a manufacturer of acoustic front-end products such as microphones, preamplifiers and signal conditioning devices for acoustics and vibration testing and sensing in the telecommunications, hearing health, noise abatement, vibration control, and signal conditioning markets.

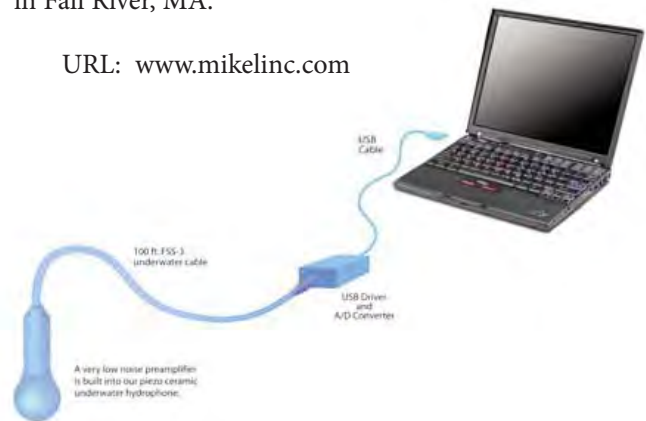
URL: www.gras.us.

MIKEL, INC. ANNOUNCES DIGITAL WIDEBAND HYDROPHONE

MIKEL, Inc has announced the development of a digital wideband hydrophone – the DH-100™. They claim this product to be the first wideband hydrophone with an integrated very low noise pre-amplifier, analog to digital converter, and communications hardware for digital data transfer to any computer with a 1.1 or 2.0 Universal Serial Bus (USB) making it Plug'N'Play compatible. Everything is powered directly from the USB port, obviating the need for an external power supply and making a data acquisition system unnecessary for recording underwater sounds. In addition to the hardware, MIKEL provides drivers and software for the display and recording of underwater acoustic signals. Utilities are also provided for loading data into MATLAB™ for signal processing and further analysis.

MIKEL is an advanced engineering company primarily focused on providing the US Navy with affordable real-time technological solutions for the improvement and modernization of complex undersea warfare systems and platforms. The company is located at the University of Massachusetts Dartmouth's Advanced Technology & Manufacturing Center in Fall River, MA.

URL: www.mikelinc.com



Acoustics Today welcomes items for “The Library” and “The Lab” sections. Submissions of about 500 words, which may be edited, in Word or plain text files should be sent to acousticstoday@aip.org. Graphics should be at least 300 dpi; preferred format for graphics is tif. Text and graphics should be sent in separate files.