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## FOR IMMEDIATE RELEASE

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### **Plexon Inc Launches the V-Probe Multi-site, Multi-use, Linear Electrode**

DALLAS, TX -- (February 15, 2013) - Plexon Inc, the leader in advanced hardware and software solutions for neuroscience and behavioral research, launches the new V-Probe multi-site linear array for electrical recording.

The V-Probe takes the best of the very popular U-Probe to the next level. As the industry has come to expect from the U-Probe, the V-Probe is also exceptionally durable, highly customizable, and often used in acute research with medium to large animals. Uniquely however, the probe shaft has been redesigned to further minimize trauma to the brain tissue upon insertion through the implementation of a conical-shaped tip.

The V-Probe is available in 8, 16, 24 and 32 channel configurations, in lengths up to 150mm, and with a choice of 15, 20, 25 or 40 $\mu$ m diameter recording sites. The small diameter (15 $\mu$ m) and cross section enables specificity and effective single-unit recording, while a unique etching process of the electrode surface results in a small site suitable for resolving single units coupled with low impedance [275 (+/- 50) k $\Omega$ ] for a better single-to-noise ratio. Researchers also have the flexibility of integrating a fluid channel or an optic fiber at various locations.

Like U-Probes, V-Probes are exceptionally robust due in part to their hand-crafted, stainless steel construction (as opposed to silicon), and ability to penetrate deep within the brain. When used according to proper procedures, V-Probes will support many uses over a long period of time. Reusing the exact equipment from experiment to experiment is not only economical, but more importantly removes one element of potential variability.

To enhance your experience, control and results when using a V-Probe, Plexon offers the very easy to load and use PlexDrive™ Microdrive, a screw-driven microdrive for positioning one or more V-Probes in a standard 19mm primate recording chamber. Contact [info@plexon.com](mailto:info@plexon.com) for more information.

#### **About Plexon Inc**

Plexon is a pioneer and leading innovator of custom, high performance data acquisition, behavior and analysis solutions specifically designed for scientific research. We collaborate with and supply thousands of customers including the most prestigious neuroscience laboratories around the globe driving new frontiers in areas including basic science, brain-machine interfaces (BMI), neurodegenerative diseases, addictive behaviors and neuroprosthetics. Plexon offers integrated solutions for *in vivo* neurophysiology, optogenetics, and behavioral research -- backed by its industry-leading commitment to quality and customer support. [www.plexon.com](http://www.plexon.com).