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## **For Immediate Release**

Photo available at [http://www.jmicrotechnology.com/LMS\\_2709\(S\)L.jpg](http://www.jmicrotechnology.com/LMS_2709(S)L.jpg)

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### **Low Cost Lab Microprobe Station for Sensor Research and Device Characterization**

**Portland, OR –February 26, 2007** – J microTechnology, Inc., specialists in electrical and mechanical test products for advanced semiconductor, medical, and packaged devices, announces the availability of its LMS-2709(S) Laboratory Microprobe Station. This versatile probe station offers high quality RF and DC probe capabilities in a rugged, compact, and self-contained package for research, development and education in the area of integrated sensor and semiconductor technology. It is a basic test fixture for prototype characterization of advanced active and passive components, excellent for research and scientific labs, and the ideal tool for educational training of university students in the discipline of both low frequency and microwave microprobing.

The standard vacuum chuck on the LMS-2709(S) accommodates semiconductor and thin film/thick film substrate test devices up to 2 inches (5.08 centimeters) square while the stage furnishes 1" by 1" (2.54cm x 2.54cm) movement, with a z-lift for removing the probe contacts. Precision 0.5" (0.13cm) travel x-y-z probe translation manipulators align the probes to better than 0.0003" (0.01 millimeter) repeatable position accuracy. There is a nickel plated steel platen on the station for placement of up to seven magnetic mount positioners to manipulate either the standard needle or optional coaxial or triaxial probe tips. Standard optics are a switched 10X/30X magnification binocular or trinocular stereo microscope on a swing mount for probe alignment and device inspection.

The LMS-2709(S) is approximate 12.5 inches (31.75 centimeters) square and less than 20 inches (50.8 centimeters) high, ideal for bench top use. Weight is 32 pounds (14.51 kilograms), including the protective case. The microprobe station comes with a vacuum chuck, stereo microscope, chuck Z-lift, two precision RF/DC magnetic mount positioners, two needle holders, five palladium alloy and five tungsten probes, a fluorescent illuminator, and a vacuum pump, making the LMS-2709(S) ready to test (RTT) for low frequency and parametric performance right out of the case.

“J microTechnology’s Lab Microprobe Station is affordably priced for today’s demanding economy, flexible enough for a wide variety of applications, intuitive to operated, and rugged enough for use in university teaching laboratories,” said Louis Schappacher, technology specialist for J microTechnology.

Prices for the LMS-2709(S) are less than \$9,000 for single units, with special pricing available for universities purchasing multiple units. The LMS-2709(S) comes packaged in a cut foam storage/shipping container for protection and portability. Pricing can vary due to order configuration and shipping destination. Delivery is about one week after receipt of order.

### **About J microTechnology**

J microTechnology, Inc. is dedicated to the supply and distribution of accessory products for the electrical and mechanical test of advanced semiconductor and packaged devices. The products supply a comprehensive set of accessories for precision testing and microprobing of non-coplanar structures. Primary products include microprobing fixtures, probe stations, custom and standard ProbePoint™ product thin film adapter interface circuits, calibration standards substrates, and high performance laboratory test cables and are also compatible with microfluidic probes. Customers include systems integrators, semiconductor and semiconductor package manufacturers, and government and university laboratories worldwide for use in transistor (FET, PHEMT, etc.) characterization, multichip MIC/MMIC assembly production test point, electro-optic device test adapters, MEMS, nanoelectronics devices, biomedical sensors, and high performance and low cost package characterization. Started in 1992, J microTechnology is based in Portland, Oregon. For more information visit [www.jmicrotechnology.com](http://www.jmicrotechnology.com).

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