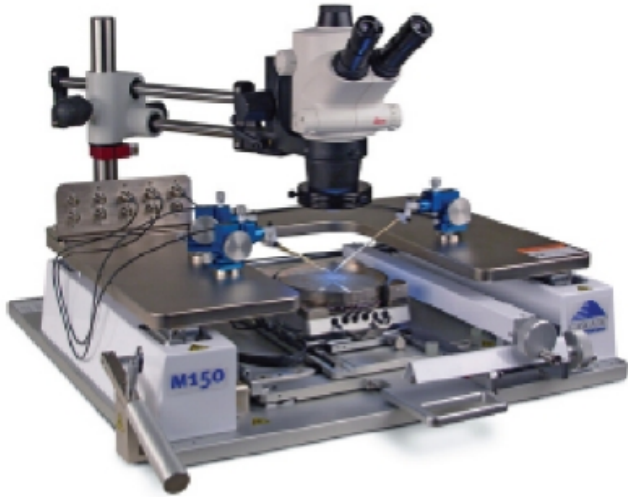




### Product Line Shortform

**Accelerating your success, from design through production.  
Complete on-wafer measurement, probing and socket capabilities.**



#### CASCADE MicroTech

##### 150mm Probe Station Series

The M150 sets a new standard for providing precision electrical measurement capability in a cost-effective, ultra-flexible platform. Its modular design and broad range of accessories make it the ideal solution for today's complex analysis and characterization demands that span multiple materials and numerous 150mm measurement applications. To get things started, the M150 is available in three pre-configured stations — a smaller footprint, Benchtop station; a Multipurpose station; and a Millimeter Wave station. Depending on your particular application requirements, a broad portfolio of accessories is available so each pre-configured station can be easily and conveniently fashioned to meet your particular needs — today and well into the future. Adding even more flexibility, you can build your own M150 platform by specifying and configuring the station modules that best suit your needs.



#### CASCADE MicroTech

##### 300mm Probe Station Series

Taking the next step in 300mm probing means delivering a probe station that specifically solves the enormous measurement challenges brought on at each advancing technology node. Shrinking geometries, new process materials and increasingly complex designs are all pushing the boundaries of precision electrical metrology. Unfortunately, market windows have little patience for the complexity of today's or tomorrow's measurement challenges. From RF/DC device characterization, to Wafer-Level Reliability, to IC failure analysis and design debug, more data needs to be collected faster and more accurately. Enter the Elite 300 probing station.



## **CASCADE MicroTech**

### **REL-6100/4800 Probe Station Series**

The REL-4800 Series Manual Probe Stations and REL-6100 Series Semiautomatic Probe Stations offer superior performance whether probing the smallest internal IC feature for failure analysis or making accurate DC/CV parametric measurements on-wafer. Both series feature submicron resolution and excellent stability for probing 200mm (8-inch) wafers.

The power-assisted tilt-back microscope and platen lift handle make application changeover and needle replacement effortless.



## **CASCADE MicroTech**

### **6" & 8" RF Probe Station**

A complete microwave test solution goes far beyond simply connecting the probes, probe station, and test instrumentation. With Cascade Microtech you get not only precision tools, but the analytical test experience you need to make accurate, repeatable, on-wafer measurements. A complete customized Cascade Microtech RF/Microwave test system includes a Summit series probe station, leading-edge Infinity Probes®, NIST-verified Impedance Standard Substrates, powerful Nucleus® Prober Control and WinCal XE™ software, as well as a complete line of accessories.



## **CASCADE MicroTech**

### **SUBMIT Probe Station Series**

Summit wafer probing systems allow you to access the full measurement range of your parametric test instrumentation. Whatever your application: RF/Microwave, device characterization, wafer-level reliability, e-test, modeling, or yield enhancement, Summit probe stations ensure best-in-the-world measurements.



## **CASCADE MicroTech**

### **M150 Microfluidics Measurement Platform**

The M150 microfluidics measurement platform from Cascade Microtech provides a convenient and repeatable work space for microfluidic assays. Scalable from an affordable, entry-level to a high precision system; the M150 platform provides researchers and scientist with the maximum level of flexibility for running microfluidic experiments.

#### **Features**

- + Convenient: Dedicated test platform with intuitive features like an integrated high-power optics mount and moveable device holder simplify experiment set up
- + Complete: L-Series system bundles provide complete solutions for high voltage, low voltage, & pressure pumping
- + Scalable: Starter platform can scale as research requirements grow
- + Flexible: Adjustable microfluidic device holder accommodates a variety of devices
- + Practical: System constructed for maximum signal to noise ratio in florescence detection experiments



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