

# PM8

## 200 mm Manual Probe System



### DATA SHEET

The PM8 is the ideal solution for precise analytical probing applications up to 200 mm including device and wafer characterization, failure analysis (FA), RF, mm-wave, sub-THz, optoelectronic-engineering and MEMS. The PM8 is designed specifically to provide a highly stable, ergonomic and flexible probing platform.

The innovative fine-glide chuck stage offers a unique simplicity and accuracy by combining free-moving coarse movement and micrometer fine movement. The granite plate can easily withstand any thermal or mechanical influences and therefore ensures complete system stability during testing. This outstanding rigidity of the PM8 makes it ideal for all RF and mm-wave applications up to 500 GHz. These RF tests are supported by the WinCal XE™ calibration software, including LRRM, LRM+, NIST-style TRL and hybrid calibration methods.

The unique movable microscope bridge provides an easy and ergonomic coarse and fine adjustment of the system of up to 200 mm which can be adjusted with just one hand. This makes the PM8 the ideal solution for all FA tasks and wafer-level reliability tests.

Ergonomically, the PM8 was designed with the operator in mind. All controls are located to provide comfortable, effortless control.

The PM8 can be outfitted with a number of accessories and upgrades. These include laser cutters, remote-controlled manual positioners for FA applications, chucks with special designs for calibration substrates and burnishing pads for high frequency applications. Probe cards can easily be used for testing, and packaged parts can be tested with minimum setup adjustment.

### FEATURES / BENEFITS

Flexibility	Ideal for FA, WLR, RF, mm-wave, sub-THz and MEMS Extensive accessories available, such as laser cutters and a wide range of equipment for RF test Works with probe cards and/or packaged parts
Stability	Fine-glide chuck stage on highly stable granite base Ideal for submicron probing Active platen cooling for thermal stability Massive, web-cast frame Superior vibration attenuation
Ease of use	Comfortable and ergonomical operation through low-profile design Straightforward layout of controls Rapid, independent X-Y chuck stage movement Uniquely simple microscope

# Karl Suss Pm8 Manual

**JL Elias**



**Karl Suss Pm8 Manual:**

*Resistive Switching: Oxide Materials, Mechanisms, Devices and Operations* Jennifer Rupp, Daniele Ielmini, Ilia Valov, 2021-10-15 This book provides a broad examination of redox based resistive switching memories ReRAM a promising technology for novel types of nanoelectronic devices according to the International Technology Roadmap for Semiconductors and the materials and physical processes used in these ionic transport based switching devices It covers defect kinetic models for switching ReRAM deposition fabrication methods tuning thin film microstructures and material device characterization and modeling A slate of world renowned authors address the influence of type of ionic carriers their mobility the role of the local and chemical composition and environment and facilitate readers understanding of the effects of composition and structure at different length scales e g crystalline vs amorphous phases impact of extended defects such as dislocations and grain boundaries ReRAMs show outstanding potential for scaling down to the atomic level fast operation in the nanosecond range low power consumption and non volatile storage The book is ideal for materials scientists and engineers concerned with novel types of nanoelectronic devices such as memories memristors and switches for logic and neuromorphic computing circuits beyond the von Neumann concept     Semiconductor International , 1993     *Advanced Materials & Processes* , 2001

## **Karl Suss Pm8 Manual Book Review: Unveiling the Power of Words**

In a world driven by information and connectivity, the power of words has become more evident than ever. They have the capability to inspire, provoke, and ignite change. Such may be the essence of the book **Karl Suss Pm8 Manual**, a literary masterpiece that delves deep into the significance of words and their impact on our lives. Published by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we shall explore the book's key themes, examine its writing style, and analyze its overall effect on readers.

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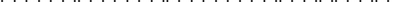
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