

Handling of Microscopic Multi-Point Probes

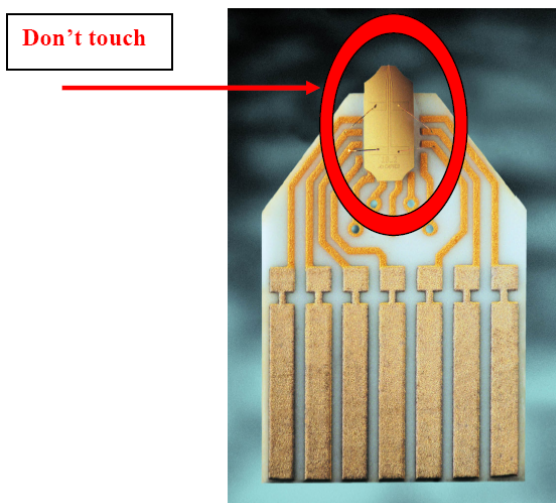
Introduction

Congratulations with your new Microscopic Multi-Point Probes (M4PP, M12PP).

IN ORDER NOT TO RUIN YOUR MICROSCOPIC MULTI-POINT PROBES, PLEASE READ THIS NOTE BEFORE OPENING THE BOX CONTAINING THE M4PPs/M12PPs.

Handling

The M4PP/M12PP is a sensitive microscopic electro-mechanical device and care must be taken to avoid damaging it. The most sensitive part is the microscopic probe cantilevers, which extend from the edge of the gold covered silicon chip in the direction opposite of the carrier connector electrodes. Care should be taken never to touch this area when handling the M4PP/M12PP. Furthermore most versions of the M4PP/M12PP have unprotected wires (for reason of vacuum compatibility), which are also very easily damaged.



Storage

It is important that the M4PP/M12PP remain protected from electrostatic discharge (ESD) and dust at all times. The M4PPs/M12PPs are best kept in the original ESD safe boxes. Leaving probes unprotected under ambient conditions for extended periods of time should be avoided, as accumulated dust and other contaminations may degrade their performance significantly or even ruin them completely. For longer-term storage, it is recommended to place the M4PP/M12PP containers in a Nitrogen cabinet or a similar inert atmosphere.