



Electric Probe System PM5 With EzLaze3 Laser Cutting System SÜSS MicroTec



Description

The SÜSS PM5 is a probing station for electrical (DC and HF) measurements on wafers, chips and substrates up to 150 mm. It has four SÜSS Probe Heads placed on the stable platen, with space for additional probes if necessary. The platen height can be adjusted up to 40 mm allowing a quick and easy setup of the system. **The EZLaze 3 Laser cutting system** is Nd:YAG, O-switched laser system designed for micromachining application: Laser trimming, cutting metal lines, removing passivation, oxide and metal layers.

Specifications / Capabilities

PM5 probe system is equipped with Extra Long Working Distance 10x, 20x, 50x, 100x objectives and 10x ocular. It has a third ocular for camera imaging.

The "EZLaze 3" Laser has user-selectable wavelengths (1064 nm, 532 nm, 355nm) and precise energy control allow produces uniform cuts from 50 μ m x 50 μ m (with 50X objective) to 1 μ m x 1 μ m (with 100X objective).

Materials

Removing materials: Aluminum, Gold, Copper, Chrome, Tungsten, Titanium, ITO, Silicon, Silicon Nitride, Polyimide, Polysilicon

Link

<https://www.suss.com/>