

EPS150MMW

SlimVue™ microscope with C-mount

- Dedicated design to reduce the signal path
- Accurate probe placement on small pads

Quick scope height adjustment

- Easy re-configuration for load pull and sub-THz applications

Probe crash protector

- Risk-free probe change-over

Contact height gauge

- Precise overtravel adjustment
- Feedback on the on the contact position

Tailored mmW platen and 40 mm travel range

- Ready for broadband, mmW, sub-THz and load pull applications
- Easy system re-configuration and upgrade

Unique 200 μm platen contact/separation stroke

- < ± 1 μm accuracy for repeatable contact quality
- Convenient and easy to use

Fine theta adjustment

- Precise probe-to-pad alignment

Dedicated SIGMA options

- Broadband 110 GHz, banded mmW, sub-THz and load pull applications
- Platform tilt for precise probe planarization

Innovative ceramic AUX chuck

- Optimized calibration conditions

Dedicated RF chuck

- < ± 3 μm chuck planarity
- Consistent measurement boundary conditions and overtravel over entire wafer

Chuck X-Y movement

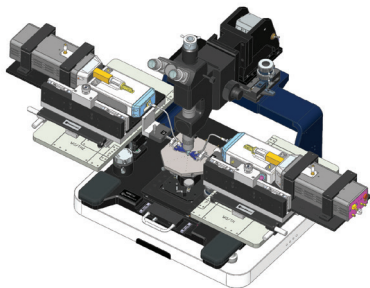
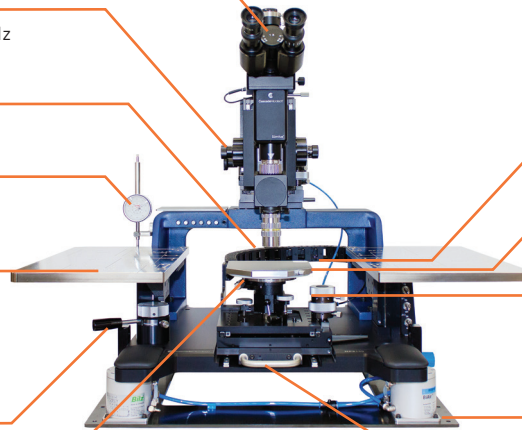
- Precise X/Y positioning with < 5 μm resolution
- Independent axis locks for easy linear navigation

Vibration-isolation platform

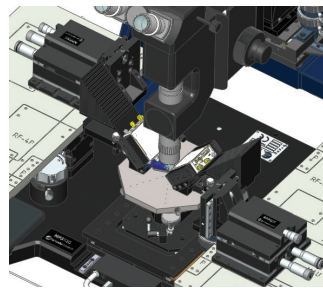
- Ensures contact and minimizes pad damage

Chuck stage with 90 mm roll out

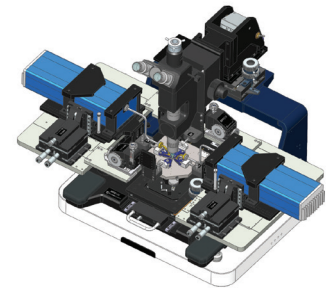
- Quick, risk-free and convenient wafer loading



SIGMA option for 110 GHz broadband application (EPS-ACC-150MMW-ARS)



SIGMA option for 110 GHz broadband system from Anritsu (EPS-ACC-150MMW-ANR)



SIGMA options for mmW heads from VDI, OML and Rohde & Schwarz (EPS-ACC-150MMW-WG) and 4-port option (EPS-ACC-150MMW-4P)

ORDERING INFORMATION

Part Number	Description
EPS150MMW	150 mm manual probing solution* for mmW, sub-THz and load pull applications
EPS-ACC-150MMW-ARS	Instrument integration for 110 GHz broadband systems from Keysight and Rohde & Schwarz
EPS-ACC-150MMW-ANR	Instrument integration for 110 GHz broadband systems from Anritsu
EPS-ACC-150MMW-MAU	Instrument integration for 50 GHz load pull tuners from Maury Microwave
EPS-ACC-150MMW-WG	Instrument integration for mmW heads from VDI, OML and Rohde & Schwarz
EPS-ACC-150MMW-THZ	Instrument integration for sub-THz heads from VDI, OML and Rohde & Schwarz
EPS-ACC-UG-THZ-WG	Upgrades EPS-ACC-150MMW-THZ with all additional configuration features of EPS-ACC-150MMW-WG
171-512	Cover and earthquake kit for VIP601

* The EPS150MMW manual probing solution includes: MPS150 probe station with a 150 mm chuck stage, a tailored mmW platen, contact height gauge, rigid scope bridge with 50 mm x 50 mm movement, unique SlimVue microscope, camera-ready C-mount, vibration-isolation platform, dedicated 150 mm RF chuck with ceramic AUX inlay, fine theta adjustment, full WinCal XE software license, probe cleaning brush, ProbePolish, contact substrate, tweezers and accessories set.

Data subject to change without notice.

