Phocuscan

Specifically designed for photocurrent mapping

- High-Precision laser scanning photocurrent mapping
- Dual-Mode vision & measurement system
- Ultra-Smooth micropositioning System
- Versatile optical platform for the entire VIS–NIR wavelengths
- Fully compatible with Keithley 2400/2600 series SMUs

Applications

- Nanoscale Electronic Material Characterization
- Photovoltaic Device & Thin Film Solar Cell Testing
- Optical Component and Laser Device Evaluation
- Semiconductor Device Quality Control and Failure Analysis

NANOBASE

The laser scanning system ‘PHOCUSCAN’ captures photocurrent with pinpoint accuracy

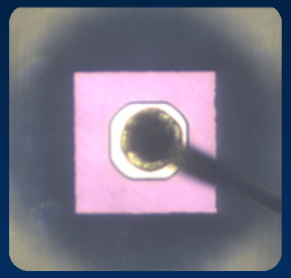
System power button

Multi-axis micro-positioners

Sample stage with a vacuum chuck

X-Y-Z linear translation stage

Optical image of the sample device



Photocurrent mapping image

With 100nm step resolution and galvo mirror laser scanning, we deliver high-resolution photocurrent maps that reveal what others miss

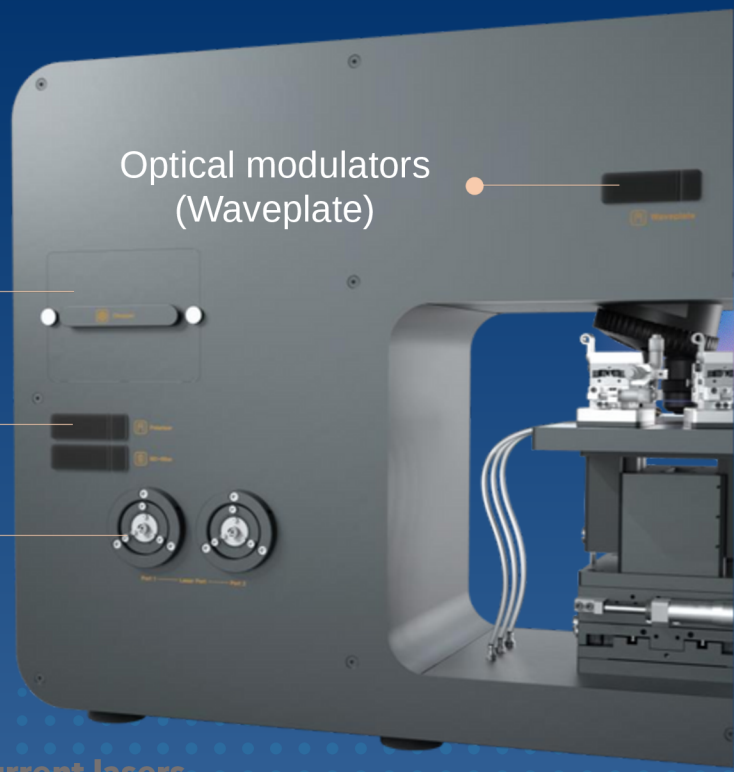
Experience seamless integration and high-precision photocurrent mapping with our laser-based system — fully compatible with Keithley 2400 and 2600 series

Single and dual frequency Optical chopper

Optical modulators (Polarizer, ND filter)

Fiber coupling port (Wavelength: 400 ~ 1000 nm)

Optical modulators (Waveplate)



Trusted by Clients Who Value Performance

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