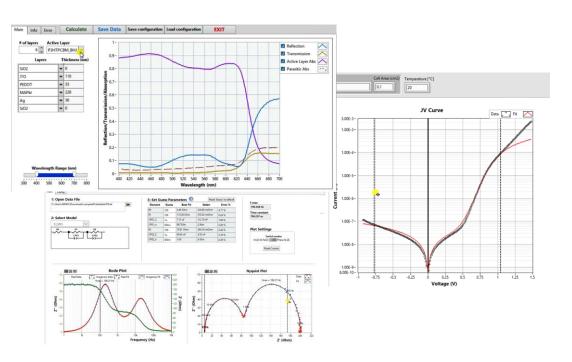
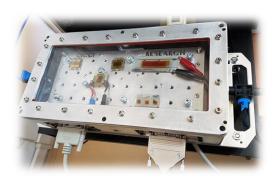
Custom software & accessories







Contact info www.cicciresearch.it info@cicciresearch.it

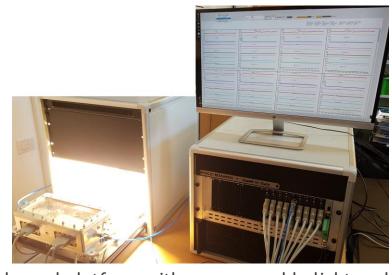
Via Giordania 227, Grosseto, Italy

Arkeo all-in-1



Customizable measurement system for opto-electronic devices

Arkeo multichannel



Multichannel platform with programmable light soaker and environmental chambers

Arkeo all-in-1

From steady state to dynamic test in one platform

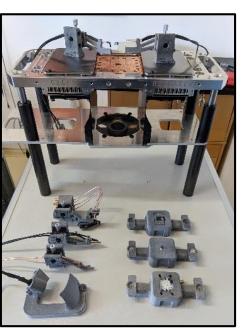
Modules

- **Steady State Tests**
 - Dark and illuminated JV (0.001 to 2 SUNs equivalent)
 - Voltage dependent IPCE
 - Electro- and photo-luminescence
 - 4-point resistiviy
- **Transient Tests**
 - Transient JV
 - Transient photo-voltage/current
 - CELIV (dark & illuminated)
- **Dynamic Tests**
 - EIS
 - IMVS/IMPS

Accessories

- Sample holder
 - Customized (3D printed)
- Sealed Test Chamber
 - Sealed chamber with quartz inspection window
 - Integrated Oxygen and Humidity sensors (PPM level)
 - Customized electrical connections
- Microfluidic Module
 - Synchronized pumping system
- Temperature Modulation





Arkeo multichannel

- 32 (64) independent Source Meter Units (not multiplexed!)
- ±10V @ 250 mA (±20 V with two SMUs connected in series)
- 250kHz of SMU Bandwidth for transient tests
- Proportional-Integral Closed loop intensity regulation for best long-term stress tests
- Temperature control system for general stage or chamber unit.
- Programmable small or large area LED based illumination

