

MICRO-RAMAN MAPPING SYSTEM

Descriptions

Short description of fungsi dan spec (apa yang special?)

Service Offer??

Type of samples??

UniDron system design is based on microscope with multi-laser module and high resolution spectrometer with 3 grating turret (interchangeable).

Brand-Model

UniDRON, AUTOMATED MICROSCOPE RAMAN / PL MAPPING SYSTEM, UNINANOTECH

Specifications

Raman: 266nm, 355nm, 405nm, and etc.

Photoluminescence: 266nm-980nm excitation source available

Power control: 11 steps variable ND filter controlled by software

Spatial resolution: $<1\mu\text{m}(\text{XY})$, $<2\mu\text{m}(\text{Z})@532\text{nm}$, 100X objective (NA 0.85)

Integrations software: Solis (Spectroscopy software) & UniSCAN (mapping software)

Service location

03-01-10 *Material Characterization Laboratory*

Block: T05

Further Information

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Notes:

