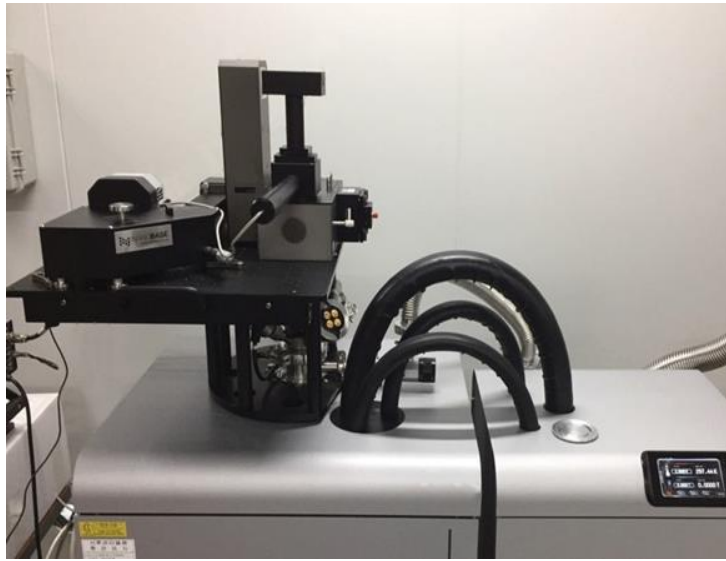


NANOBASE



CUSTOMIZATION GUIDE



This fraction of our 120+ customization projects ensures how your dreams can come true with us.



Electrolyte and anode material oxidation reaction real-time measuring device

Customer : Sogang University

- Featuring F1.4 Raman Spectrometer and Raman probe
- Customized Raman probe tip which can be dipped into solution



CVD coupled Raman system

Customer : Korea Institute of Industrial Technology

- Real-time Raman spectroscopy of materials produced in the CVD chamber
- Objective lens cover and Impeccably sealed probe for protection against exposure to chemical materials



Raman / photocurrent system with probe station

Customer : Samsung Advanced Institute of Technology, GIST, SKKU

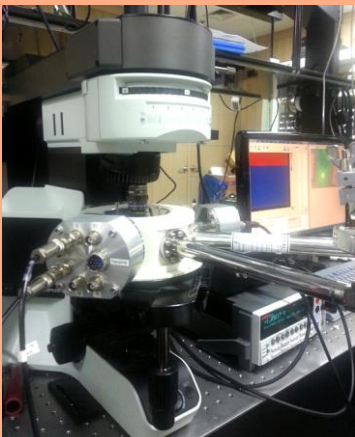
- Featuring supercontinuum laser source
- XperRAM S Series customized for study on the electrical and optical properties of wire bonded material such as Si wafer



Cryostat coupled Raman system

Customer : SKKU

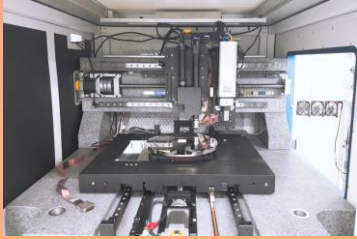
- Cryogen free 1.5L cryostat coupled with superconducting magnet system and Raman system conducts tests in 4K temperature environment
- 2D Raman imaging using Piezo actuator



Cryostat coupled photocurrent System

Customer : SKKU

- Photocurrent Imaging in the cryostat
- Cryostat integrated on the microscope stage
- No sample movement while mapping process



WLI module coupled with AFM system

Customer : Park Systems

- Our WLI module integrated with counterparty's AFM system to enhance surface measurement capabilities



Indoor/outdoor portable Raman spectroscopy system

Customer : Korean National Research Institute of Cultural Heritage

- For outdoor use : comes in a portable case with 473, 532, 633nm lasers
- For indoor use : mountable on a specially designed microscope station for micro Raman analysis

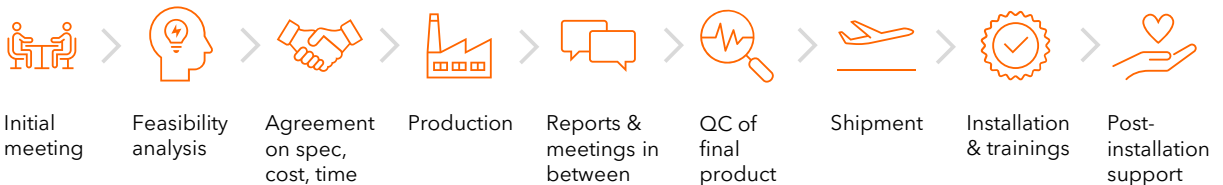
CUSTOMIZABILITY SCOPE

Seriously, we live for challenges of making things happen with and for our customers.

- Integration of our instruments with other functionalities
- Integration of our modular product parts with your own lasers, spectrometers, microscopes, etc
- Design of instruments involving modification of laser beam paths
- Much more possibilities (just ask us!)

CUSTOMIZATION PROCESS

You will be in close contact with us during the whole customization process.



CUSTOMIZABLE PRODUCTS

We specialize in tailor-making instruments for the following technologies :

- Raman spectrometry
- Raman spectroscopy
- Fluorescence lifetime imaging/measurement
- Photocurrent imaging/measurement
- Interferometric profiling
- White interferometric profiling
- Battery cycling



CUSTOMIZATION GUIDE

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