

HORIBA



innovazione e ricerca



HORIBA SOLUTION FOR INDUSTRIAL MARKET

TEAM

Boss: Daniele Ribelli

Administration: Lucile Michel

Commercial Director: Walter Marchione

Product Specialists: Patrizio Barbini, Simone Carrino

Service Engineers: Angelo Bracchetti, Andrea Volponi, Daniel Gulli, Ivan Zovadelli

22/04/2026

HORIBA Group

HORIBA was founded in **Kyoto in 1945** by Dr. Masao Horiba

HORIBA Group globally counts:



1,9 B\$



9.000 people



7,1 % of Net Sales



Factories/Laboratories in 150 countries

Atsushi Horiba
Chairman & Group CEO



HORIBA value creation model

Creating value through the synergy between diverse people and technology

HORIBA provides solutions through analysis and measurement technologies, which support the resolution of social issues. Diverse people and technologies support our business.
HORIBA will be a partner with customers to contribute to building a better society and generating greater social value.



HORIBA's Value Creation

HORIBA's "HONMAMON" solutions

created by the organic combination of various customer needs and our technologies

HORIBA's measurement technology began with electrochemical pH meters. Since then, we have expanded the analysis targets to include liquids, gases, and solids, while accumulating various analysis and measurement technologies using infrared rays, X-rays, and the like.

We are also developing control technologies in addition to our analysis and measurement technologies.

We utilize solutions created out of our core technologies, as well as advanced sample handling, automation, data management, and data science technologies that flexibly meet customer demands, to ascertain the changing needs of the market.

HORIBA contributes to solving social issues by creating unique solutions through the organic combination of core technologies that we have cultivated around the world to meet customer needs in our Three Focus Fields.



HORIBA's Three Focus Fields

Energy & Environment

Focus fields

- Development of next-generation vehicles
- Evaluation for exhaust gas certification
- Evaluation of electrolyzers and fuel cells
- Measurement and monitoring of water quality and gases

Bio & Healthcare

Focus fields

- In vitro diagnostics, such as blood cell counting and clinical chemistry testing
- Development, manufacturing, and quality control of pharmaceuticals
- Processes related to food and beverages, cosmetics and skin care products

Materials & Semiconductor

Focus fields

- Process control and monitoring in semiconductor manufacturing
- Facility management and control
- Advanced materials development, production, quality control, and support for mass production

The Scientific segment



Lille

Paris

Kyoto

Piscataway



- Raman / AFM / CL
- Ellipsometry
- GD-OES / TOF-MS
- ICP-OES
- SPRI
- Gratings
- VUV

- Particle Size
- Elemental analyzers
- pH-meter
- XRF- μ XRF

- Fluorescence
- OSD
- Detectors

Applications Fields

Materials



Life Science



2D Materials
Archeometry
Battery Fuel Cells
Carbon Materials
Corrosion
Cosmetics
Energy
Forensics
Geology
Microplastics
Packaging
Pharmaceuticals
Polymers
Proteins
Semiconductors

Energy &
Environment



Semiconductors



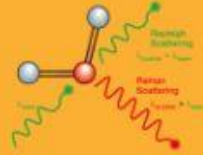
HORIBA



ANALYSIS x APPLICATION

Analysis 1/5

Raman



Raman

AFM-Raman

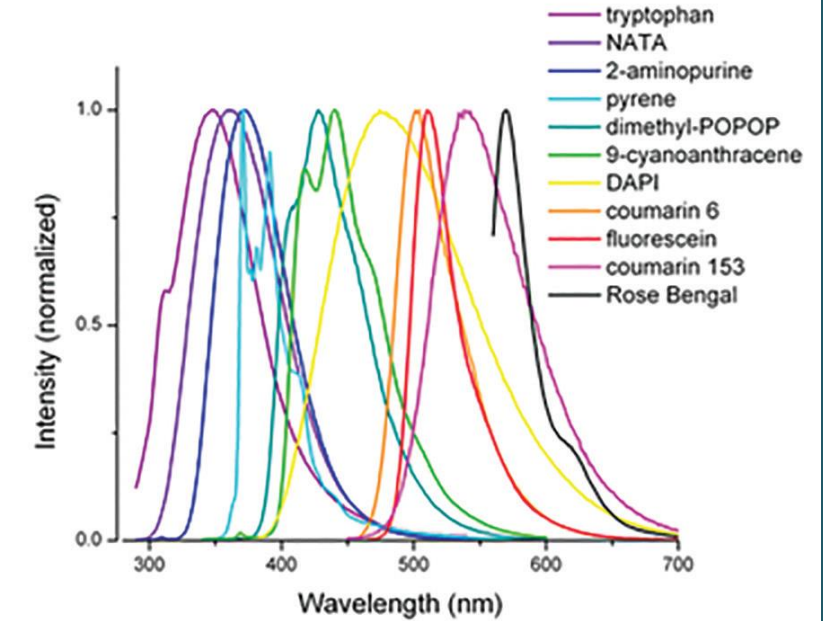
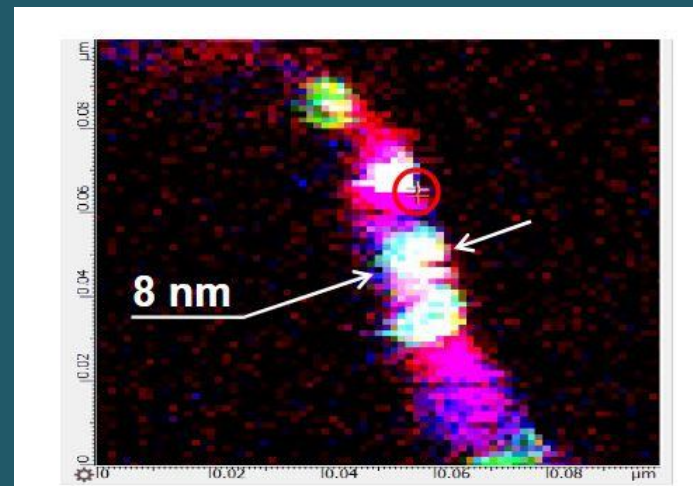
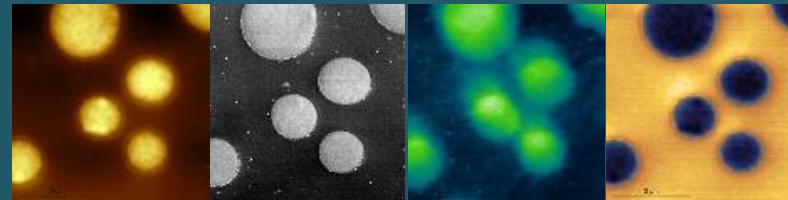
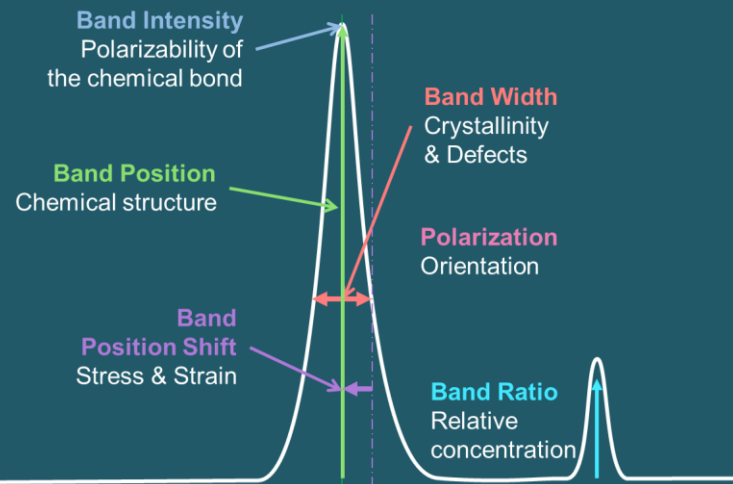


AFM Raman

Fluorescence



Fluorescence



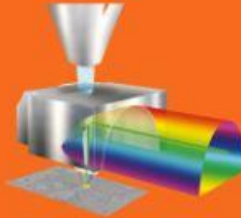
Analysis 2/5

Correlative
Microscopy



Correlative microscopy

CL

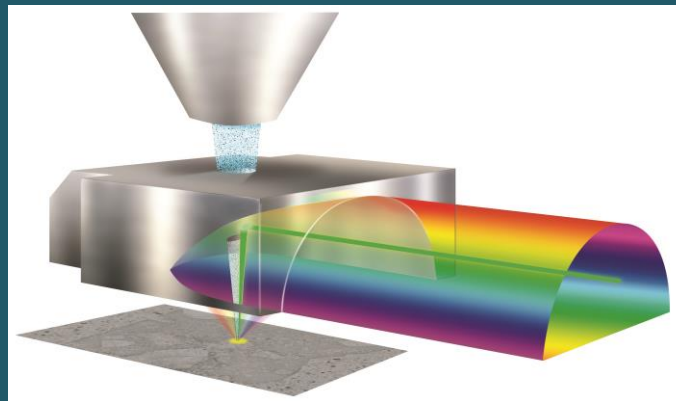
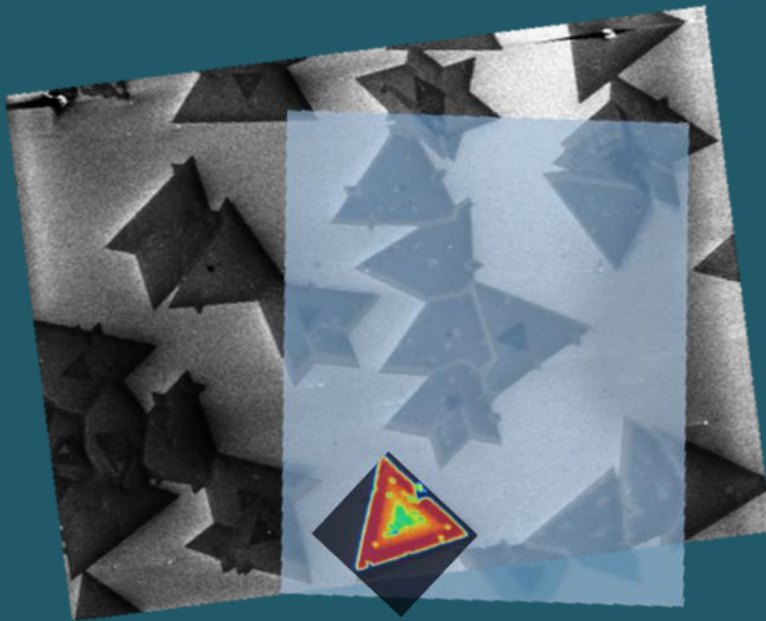


Cathodoluminescence

Optical
Spectroscopy



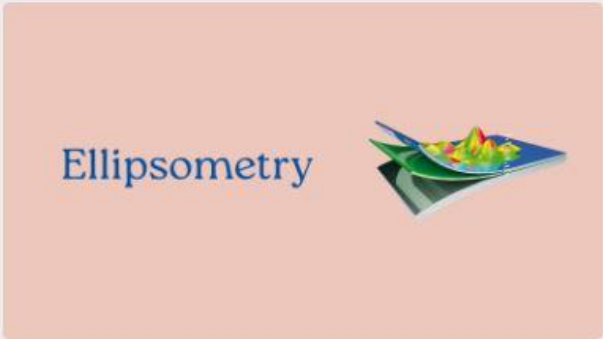
OSD



Analysis 3/5



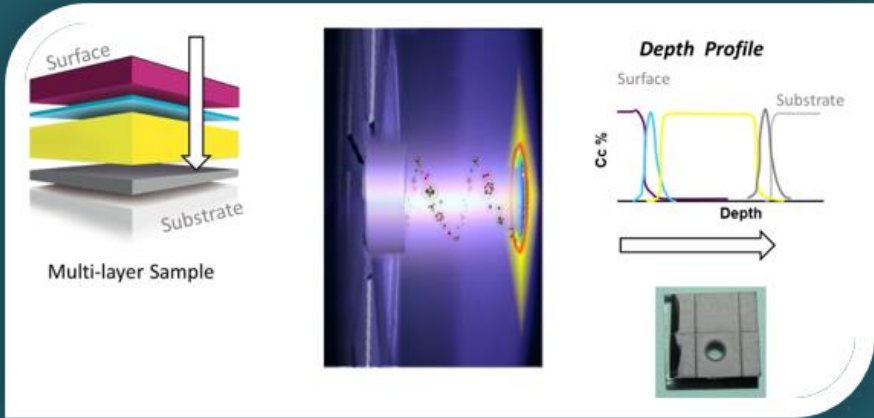
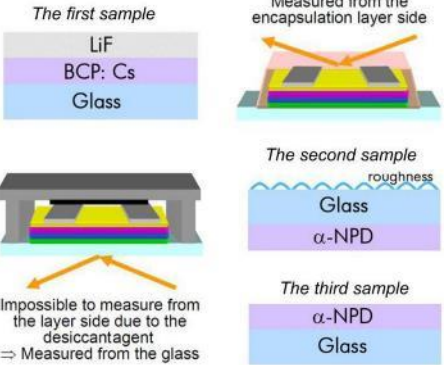
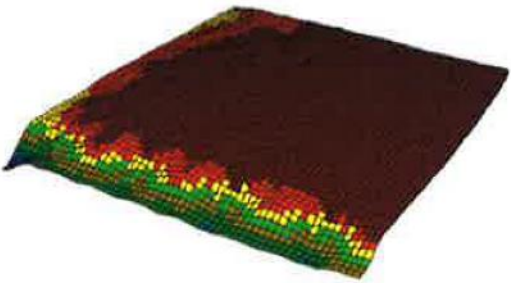
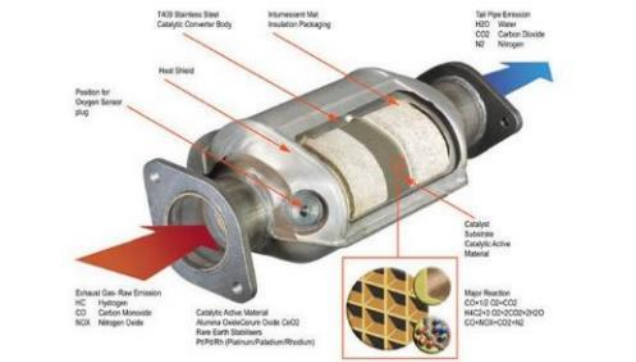
SLFA



Ellipsometry



GD-OES



Analysis 4/5



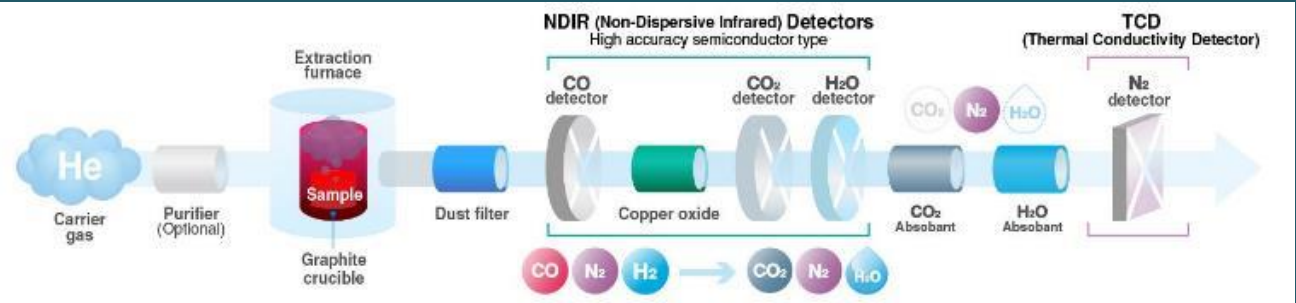
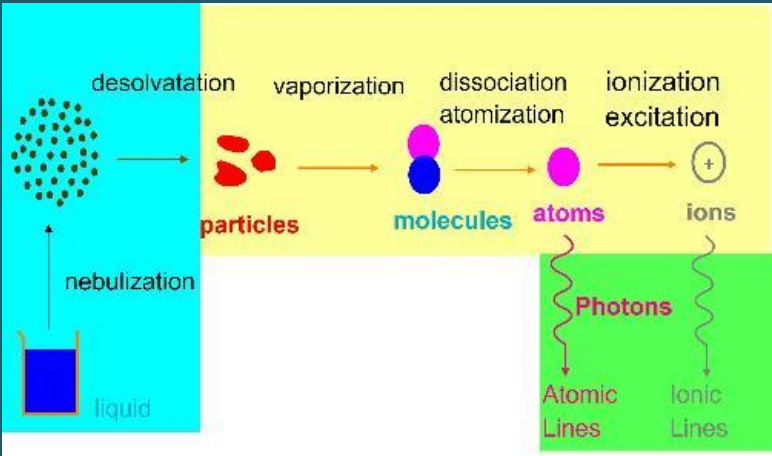
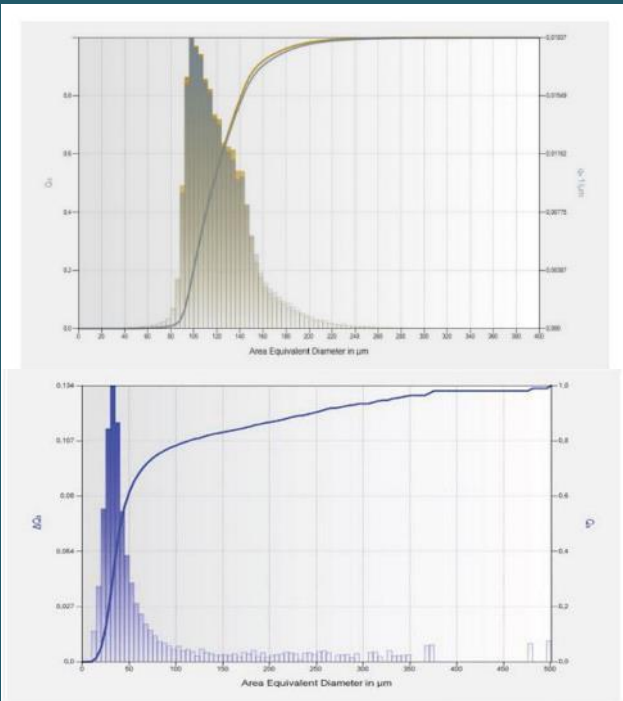
PCA



ICP-OES



EMIA-EMGA



Analysis 5/5



micro XRF

XRF



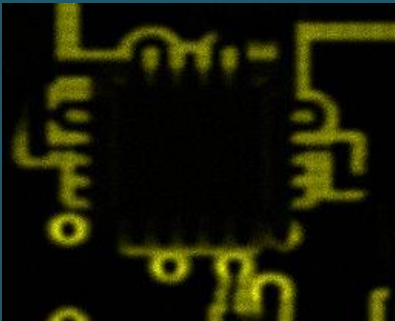
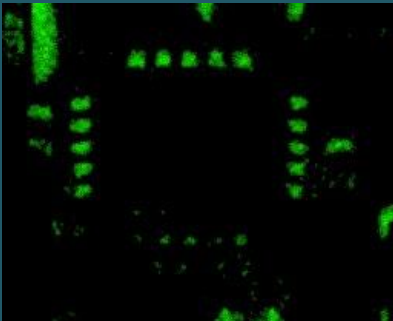
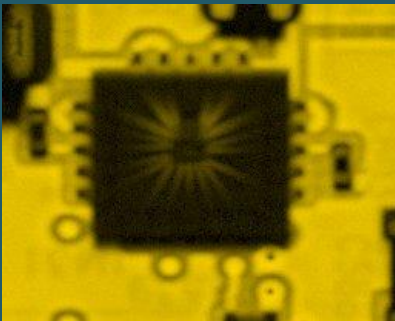
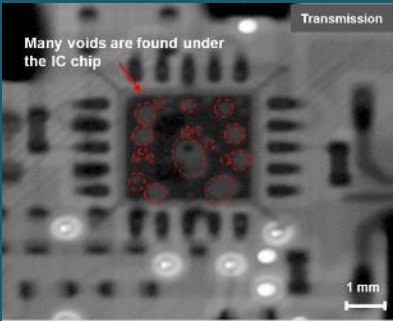
Forensics

Forensics



Sample Preparation

Sample Prep

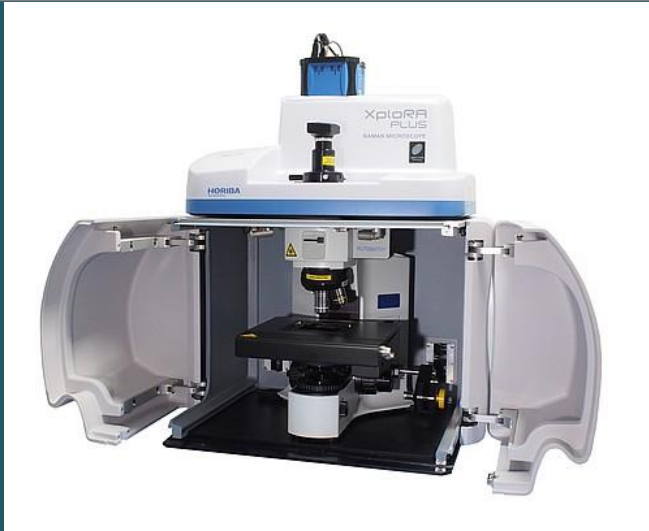


HORIBA



SYSTEMS x APPLICATION

RAMAN SPECTROSCOPY



XploRA PLUS



HR ODYSSEY



SMS



SOLEIL

FLUORESCENCE SPECTROSCOPY



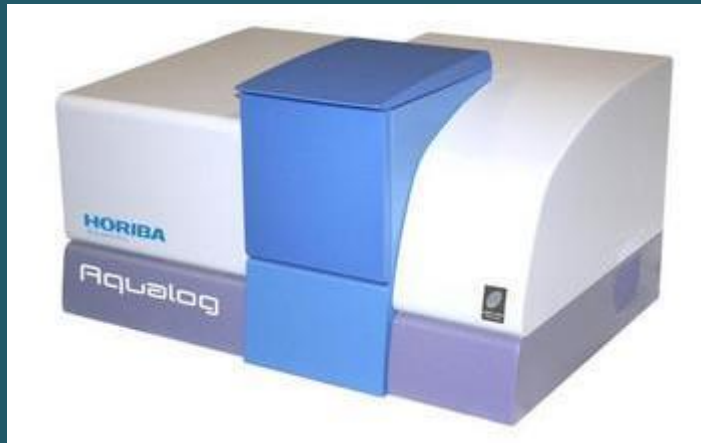
FL – QM



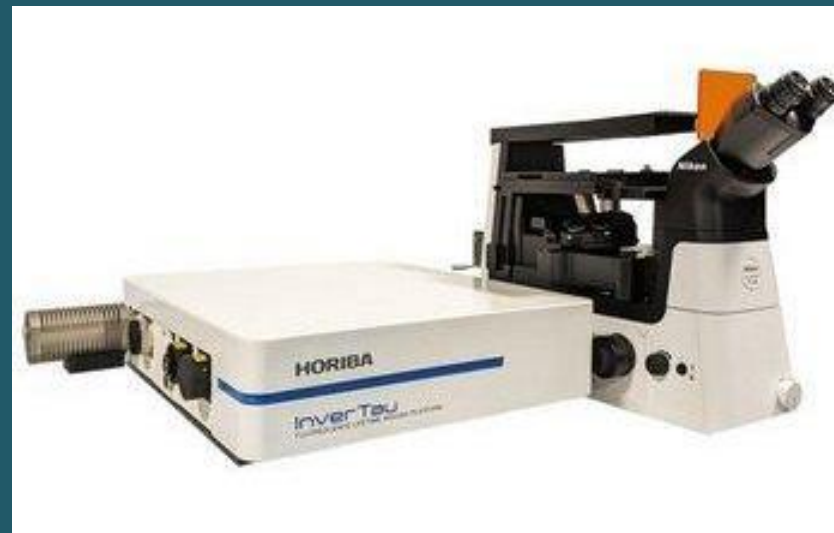
DUETTA



FluoroMax+



Aqualog



InverTAU

AFM – ATOMIC FORCE MICROSCOPY

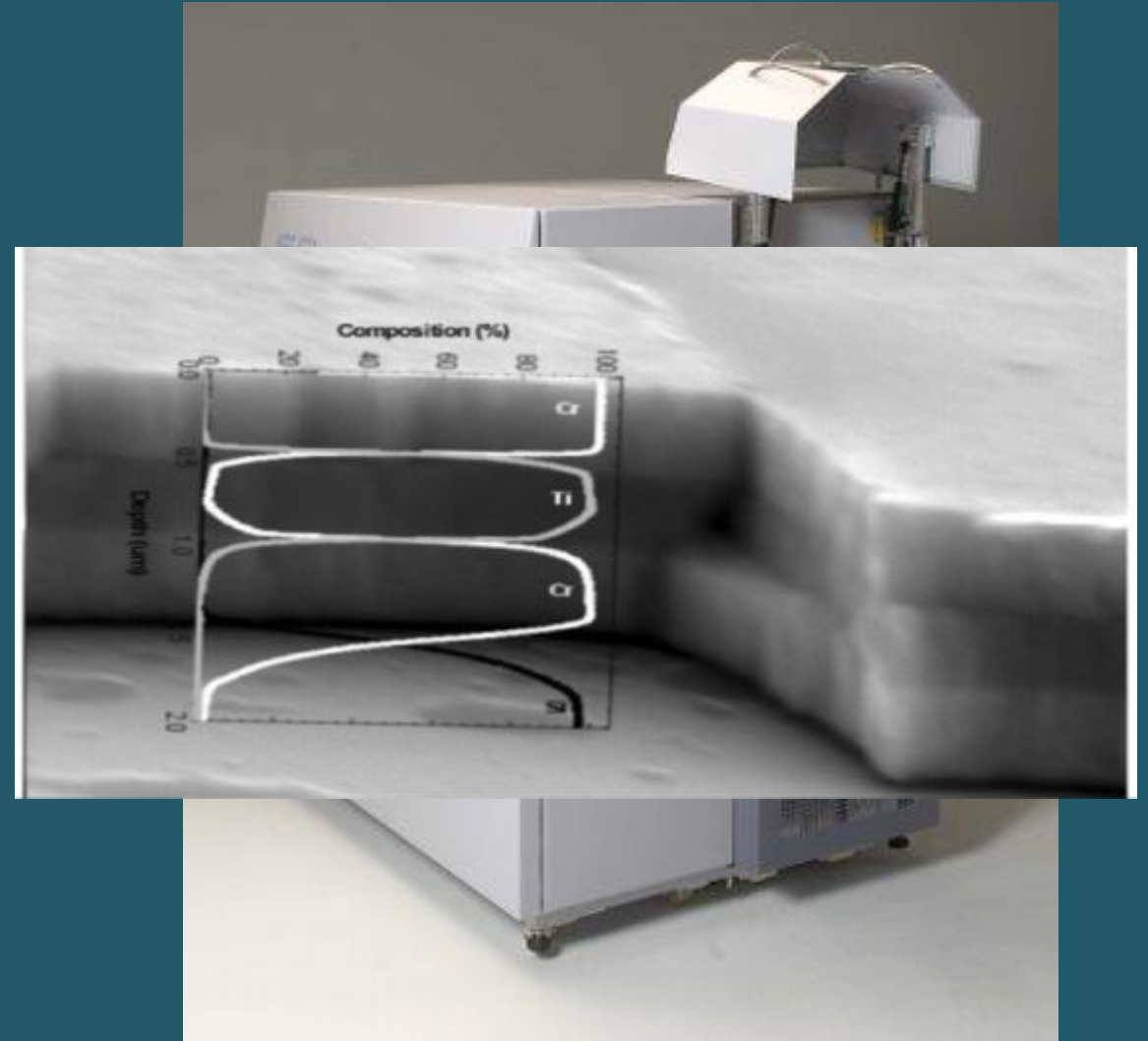
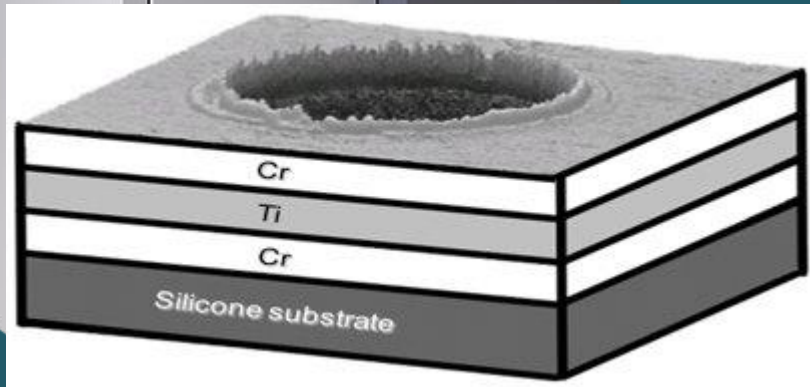
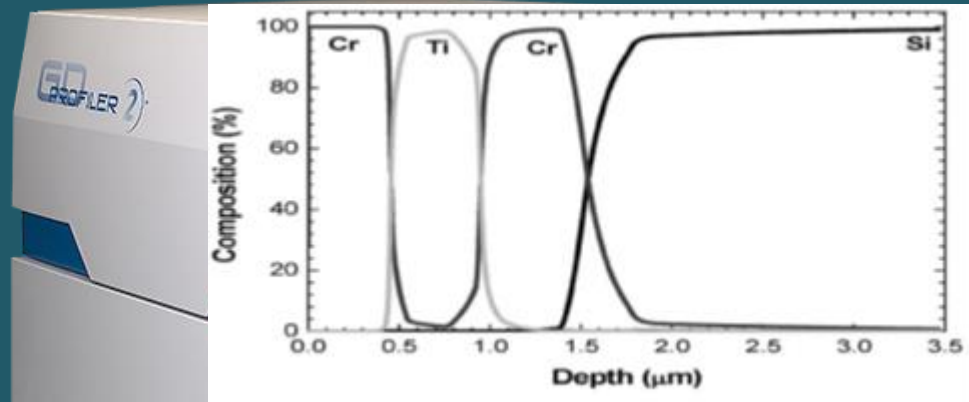


SmartSPM



OmegaScope

ATOMIC EMISSION SPECTROSCOPY

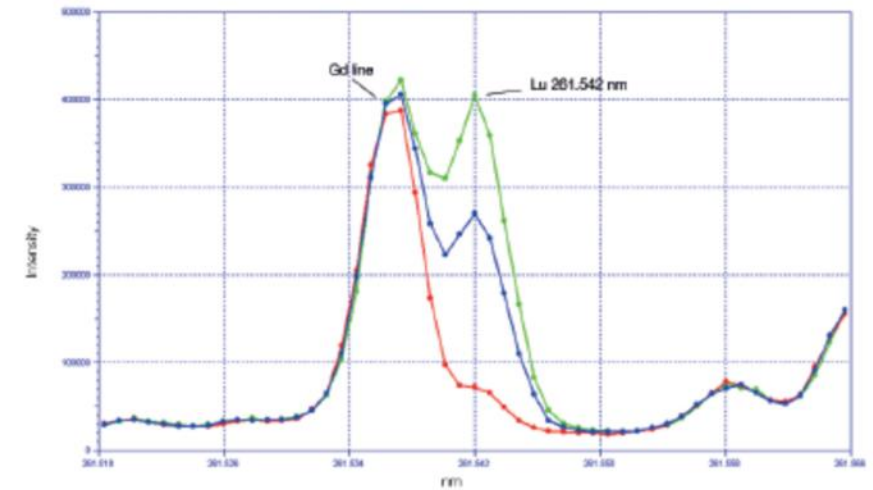
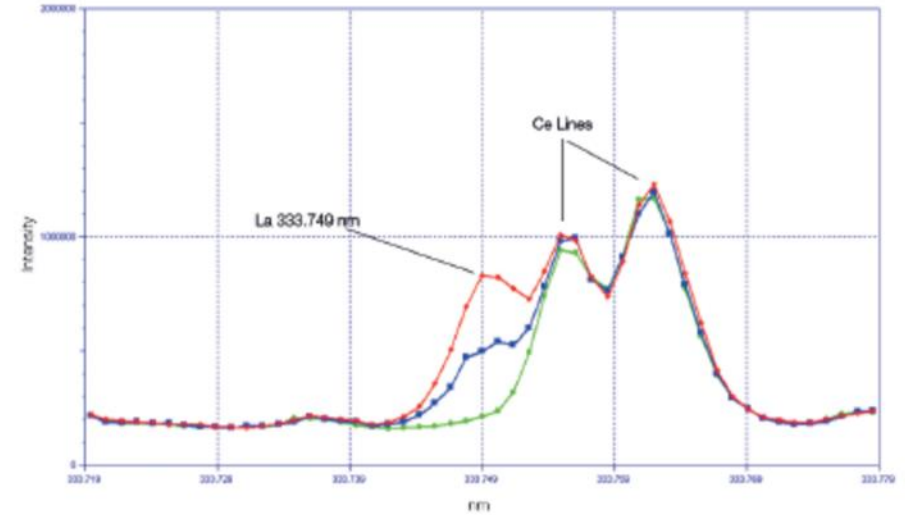


GD PROFILER 2

ICP – Inductively Coupled Plasma



ULTIMA LT / EXPERT



X – Ray Micro Fluorescence



MESA50 K



MESA 7220V2



SLFA 60



XGT9000

Thermocombustion



EMIA (C/S)



EMGA (O/N/H)

PCA – PARTICLE CHARACTERIZATION



DLS – SZ100



NTA – ViewSizer3000



BET – SA9650



LA-960

NTA Example



Cathodoluminescence



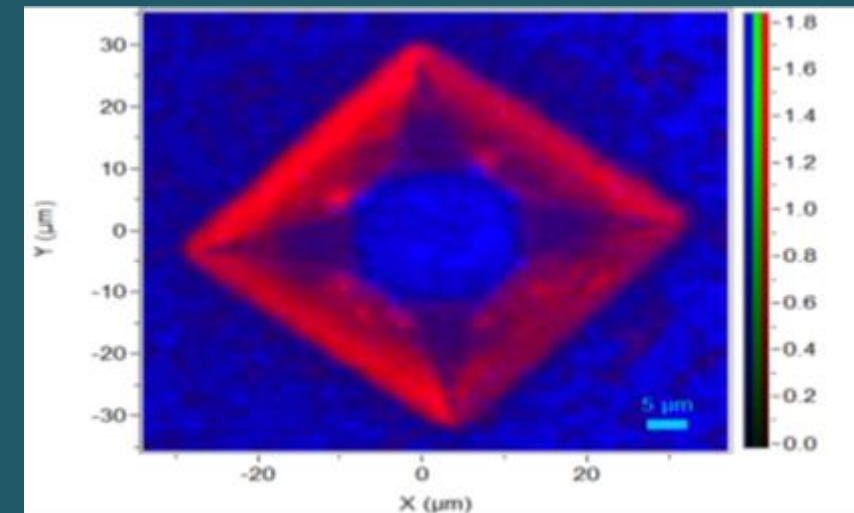
CL Head



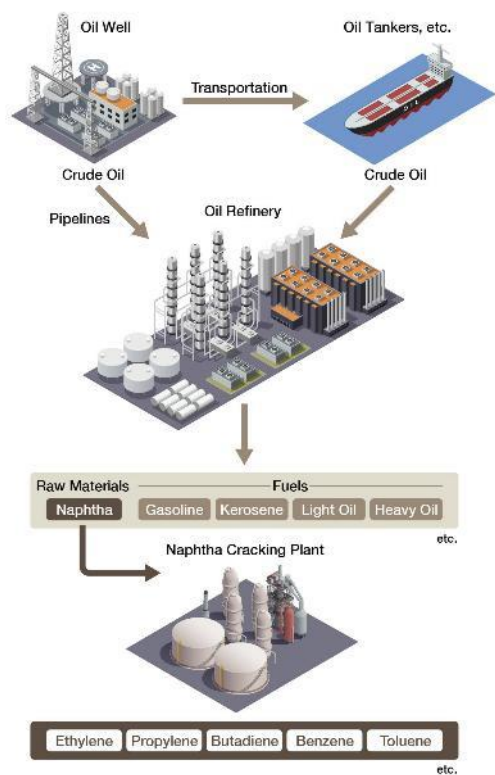
HCLUE



FCLUE (CL & RAMAN)



General Solutions



Petrochemical products manufactured by combining raw materials made from naphtha

Plastic Polyethylene, Polypropylene, etc. Electronic Appliances, Stationeries, etc.	Synthetic Rubber Chloroprene Rubber, Butadiene Rubber, etc. Tires, Gloves, Boots, etc.	Synthetic Fibers Ethylene Glycol, Acrylonitrile, etc. Clothing, Interiors, etc.
Synthetic Detergents Alkyl Benzene, Ethylene Oxide, etc. Detergents, Shampoo, etc.	Painting Materials Alkyd Resin, Polyurethane, Butanol, etc. Paints, Inks, etc.	Others Drugs, Adhesives, etc.



SLFA-60
X-ray Fluorescence Sulfur-in-Oil Analyzer



MESA-7220V2
X-ray Fluorescence Sulfur/Chlorine-in-oil Analyzer



ENDA-5000 series
Stack Gas Analysis System



PG-300 series
Portable Gas Analyzer



VA-5000 / VA-5000WM Series
Multi-Component Gas Analyzer



PX-375
Continuous Particulate Monitor with X-ray Fluorescence



IT-480 Series
High-Accuracy Infrared Thermometers (Stationary type)



CODA-500
Automatic COD monitor



TPNA-500
Automatic total nitrogen/phosphorus monitoring system



SLIA-5000
Silica analyzer



AP-370 Series
Air Pollution Monitor



51 series
Explosion-proof Gas Analyzer

Process Raman Analyzer PI-200-I



[Click here for more information](#)

Process Raman Analyzer PI-200-L



[Click here for more information](#)

Joy and Fun for All

We are contributing to a world where all living beings live to their fullest and in harmony with one another. By sharing the spirit of “Joy and Fun,” we ourselves will fulfill our potential, and create an environment where all living beings not only live but thrive.

What does this tree stand for?

The future where all lives thrive with Joy and Fun

HORIBA providing solutions for society and the environment to realize better quality of life

HORIBARIANS of today working with curiosity and passion in pursuit of Joy and Fun



Omoshiro-okashiku
Joy and Fun

おもしろ可笑

THANK YOU

Terima kasih 谢谢
Gracias
Tack ska du ha
Danke
Grazie
Σας ευχαριστώ πάρα πολύ
धन्यवाद
شُكْرًا
ขอบคุณครับ
Большое спасибо
Cảm ơn
감사합니다
Dziękuję
Obrigado
Merci