

SERVICES

PER SAMPLE RATE (PHP)

REGULAR STUDENT

FIB-FESEM

Imaging (4 images)	7200	5800
Imaging (5 images)	8850	7000
Imaging with EDX Analysis (4 pts)	9250	7500
Imaging with EDX Analysis (5 pts)	11500	9200
Imaging w/ EDX Mapping (1 area, 4 elements)	12950	10350
Imaging w/ EDX Mapping (1 area, 5 elements)	15950	12800
FIB Sectioning (1 site, max cut: 20µm W x 10µm depth)	11200	8900
TEM Lamella Preparation (<100nm thick)	17500	14000
STEM Imaging Analysis	11250	9000

TOF-SIMS

Surface spectroscopy (1 area)	10700	8500
Surface spectroscopy and mapping (1 area, 4 elements/ compounds)	14800	11850
Depth Profiling (1 site, 4 elements/compounds)	19100	15250

AES

Elemental Identification (4 pts)	8700	6950
Elemental Identification (5 pts)	10950	8800
Surface Map Analysis (1 view, 4 elements)	19950	15950
Surface Map Analysis (1 view, 5 elements)	23200	18550
Line Analysis (1 line, 4 elements)	11500	9200
Line Analysis (1 line, 5 elements)	13800	11000
Depth Profile Analysis (1 site, 4 elements)	26100	20850
Depth Profile Analysis (1 site, 5 elements)	31000	24800

FTIR

Spectroscopy	5000	4000
Microspectroscopy (1 area)	6500	5200

DSC

Differential Scanning Calorimetry	3000	2400
-----------------------------------	------	------

STA

Simultaneous Thermal Analysis (TG-DTA)	3000	2400
TGA with Infrared (TG-IR)	7000	5600

TMA

TMA	3200	2560
-----	------	------

Optical Microscopy

Sample Preparation

Ion beam cross-section polishing	4500	3600
Mechanical cross-sectioning w/ visual inspection (cut, grind, polish, and optical microscopy)	3800	3000
Chemical Decapsulation	3800	3000

*"limitless
possibilities
providing excellent
quality service"*

OUR TEAM



Our technical staff is composed of materials scientists, chemists, chemical engineers, and physicists- with advanced and graduate degrees from prestigious universities local and abroad.

ADMATEL

IS A PROJECT OF



Department of Science and Technology
(DOST)



Industrial Technology Development Institute
(ITDI)



Philippine Council for Industry, Energy and
Emerging Technology Research and Development (PCIEERD)

FOR REQUESTS OR INQUIRIES

ADMATEL BLDG., DOST COMPOUND
GEN. SANTOS AVE. BICUTAN, TAGUIG CITY,
METRO MANILA, PHILIPPINES 1631

www.admatel.com

@admatelofficial

+632 837 0461

ADMATEL DOST-ITDI

services@admatel.com

ADMATEL MARKETING

CONTACT US NOW
FOR FREE
TECHNICAL CONSULTATION

YOUR PARTNER LABORATORY



ADVANCED DEVICE AND
MATERIALS TESTING
LABORATORY

ISO/IEC
17025
ACCREDITED
LABORATORY

THE ADVANCED DEVICE AND MATERIALS TESTING LABORATORY

ADMATEL is a DOST national testing facility established to provide advanced failure analysis and materials characterization services for the semiconductor & electronics manufacturing industries.

OUR MISSION

ADMATEL was established to enhance the competitiveness of the industry and scientific community by reinforcing and upgrading the failure analysis and materials testing facilities, providing shorter turn-around time for analysis at competitive cost of services, and entice potential investors seeking for a more conducive business environment.

OUR FACILITIES



Visitor's Area



100K Class Cleanroom



Lecture Room



Conference Room



Dormitories



Guestroom

OUR SERVICES

SURFACE ANALYSIS



We perform analytical tests focusing on the outermost layer of solid materials to determine elemental, molecular, and chemical state of the surface.

- Auger Electron Spectroscopy
- Time-of-Flight Secondary Ion Mass Spectrometry

IMAGING & MICRO STRUCTURE ANALYSIS



Using cutting-edge technology to help obtain better sample image even at higher magnifications allowing precise visual and measurement of dimensions in small features.

- Field Emission Scanning Electron Microscopy
- Optical Microscopy

COMPOSITIONAL ANALYSIS



We provide accurate identification of sample makeup or chemical composition, be it in bulk or small in quantity.

- Energy Dispersive X-ray Spectroscopy
- Fourier Transform Infrared Spectroscopy & Microspectroscopy

THERMAL ANALYSIS



We help determine the thermal property and behavior of materials as it is being heated.

- Differential Scanning Calorimetry
- Simultaneous Thermal Analysis
- Thermomechanical Analysis

SAMPLE PREPARATION



We assist by utilizing industry methods for chemical preparation, precision slicing/cutting, and others.

- Focused Ion Beam Cross-section
- Mechanical cross-section
- Ion beam cross-section polish
- Chemical Decapsulation

WHY CHOOSE US



ISO 17025
ACCREDITED
TESTING LABORATORY



24
HOUR
TURNAROUND-TIME
ON RESULT



AFFORDABLE
PRICE



CONDUCTIVE
ENVIRONMENT
FOR TECHNICAL
CONSULTATION



HIGHLY COMPETENT
TECHNICAL PEOPLE



OWNED BY THE
PHILIPPINE
GOVERNMENT