



ITDI

S&T MEDIA SERVICE

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ADMATEL enhances lab services

Offers new services and add-on tests, analyses

Consistent quality services coupled with on-time results are keys to gaining and keeping more customers to be in business with you.

ADMATEL, a national testing facility, is no exception. Established to enhance global competitiveness of the semiconductor, electronics, and other related industries in the country, it bolsters failure analysis and materials testing facilities for local industry; provides shorter turn-around time for analysis; offers less expensive services thus attracting potential investors seeking for more conducive business environment.

At present, ADMATEL is a member of AIAP (Aerospace Industries Association of the Philippines) and SEIPI (Semiconductor and Electronics Industries in the Philippines, Inc.).

Its modern facility is equipped with advanced analytical services for failure analysis and materials characterization as follows:

1. Imaging and Microstructure Analysis
2. Compositional Analysis
3. Thermal Analysis
4. Sample Preparation

Early this year, ADMATEL introduced nine new add-on test/analysis services in order to keep abreast with competitors and cater to the increasingly sophisticated testing needs of its market. These include:

1. FESEM Imaging with EDX Line Analysis
2. AES Chemical State Analysis add-on
3. FIB Pattern Deposition with FESEM Imaging
4. TOFSIMS 3D Mapping
5. FTIR Spectroscopy (no ID)
6. FTIR Microspectroscopy (no ID)
7. Particle Size Analysis add-on
8. Sputter Coating
9. Biological Fixing

Our Business is Industry

Department of Science and Technology INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE
DOST Compound, General Santos Avenue, Bicutan, Taguig City Tel.: 837-2071 locals 2214/2265



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By the third quarter of this year, two new state-of-the-art equipment will be installed at ADMATEL. These include a 3D X-ray machine and a laser decapsulation system. The former is capable of doing relative thickness measurement, defect analysis, crack and void analysis, porosity analysis, and virtual cross sectioning.

Regular and new offerings for test/analysis are priced as listed below. For more information, write or call:

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DOST-ITDI's new tests and services for failure analysis was part of the core focus of the 2018 National Science and Technology Week (NSTW) Celebration which showcased the agency's "S&T Innovations in the Workplace." The celebration was held from July 17-21, 2018 at the World Trade Center Manila. (DDGotis\ ITDI S&T Media Service)

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OUR SERVICES	RATE	
	Regular	Student
FIB-SEM		
FESEM Imaging	7,500	6,000
FESEM Imaging with EDX Point Analysis	9,500	7,600
FESEM Imaging with EDX Line Analysis NEW	11,500	9,200
FESEM Imaging with EDX Mapping	13,500	10,800
FIB Sectioning (30 µm W x 30 µm D cut) w/ FESEM Imaging	14,000	11,200
TEM Sample Preparation	19,000	15,200
STEM Imaging	12,000	9,600
FIB Pattern Deposition with FESEM Imaging NEW	14,500	11,600
AES		
AES Point Analysis	9,700	7,760
AES Line Analysis	11,900	9,520
AES Mapping	16,000	12,800
AES Depth Profiling	23,500	18,800
AES Chemical State Analysis add-on NEW	1,500	1,200
TOFSIMS		
TOFSIMS Spectroscopy	13,300	10,640
TOFSIMS Mapping	16,400	13,120
TOFSIMS Depth Profiling	24,000	19,200
TOFSIMS 3D Mapping NEW	26,600	21,280
FTIR		
FTIR Spectroscopy	5,000	4,000
FTIR Spectroscopy (no ID) NEW	3,500	2,800
FTIR Microspectroscopy	6,500	5,200
FTIR Microspectroscopy (no ID) NEW	5,000	4,000
Thermal Analysis		
Differential Scanning Calorimetry	3,000	2,400
Thermogravimetric - Differential Thermal Analysis	3,000	2,400
Thermomechanical Analysis NEW	3,200	2,560
TG-IR	8,300	6,640
Sample Preparation		
Optical Microscopy	2,000	1,600
Mechanical Preparation	3,800	3,040
Ion Milling	4,500	3,600
Chemical Decapsulation	3,000	2,400
Particle Size Analysis add-on NEW	1,500	1,200
Sputter Coating NEW	2,000	1,600
Biological Fixing NEW	2,500	2,000



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