



Particle Measuring Technique Co.,Ltd.
บริษัท พาทิคเคิล เมชัวริง เทคนิก จำกัด



Cleanroom Product



Agent/Distributors/Services

- ▶ PMS Particle Counter
- ▶ Air Techniques Internation-Photometer
- ▶ Air / Liquid Filter
- ▶ Cleanroom Certification
- ▶ Clean room Products Instrumentation
- ▶ Instruments Calibration



**ISO 9001 : 2015
CERTIFIED**



CERTIFICATE OF REGISTRATION



**PARTICLE
MEASURING
SYSTEMS®**

Particle Counters (PMS)



**Air Techniques
INTERNATIONAL**

Aerosol and Filter Test (ATI)

FILTER

Filter

Cleanroom & Accessories

Cleanroom Products & Accessories



Cleanroom Certification

This certificate has been awarded to

PARTICLE MEASURING TECHNIQUE CO., LTD

48/53 3rd Floor, Moo7 Boonkhum Road, Kukot,
Lamlukka, Pathumthani, Thailand 12130

Telephone : **02-900 6900-5**

Facsimile : **02-900 7400**

in recognition of the organization's Quality Management System which complies with

ISO 9001:2023



Particle Measuring Technique Co., Ltd. "PMT"

PMT was founded in September 2000 with the aim is to provide excellent and speedy services to many diverse markets including semi-conductors, electronics, pharmaceutical, medical devices, chemical supply, computer disk drive, automotive, food & drink, institution & other high technology driven environments.

Our work has includes building a laboratory for all of the calibration and repair work for PMS products, Sierra Instruments and ATI instruments. With our years of market presence & clean room technical know-how, we can penetrate the different industry segments with a greater speed.

Our staff training programmed is designed to equip them with technical know-how in calibration / service / repair for our principal products.

Quality Policy

PMT is committed to the development of the organization and enhance the performance and the quality management system ISO 9001:2015 in order to improve and develop applications to work effectively and efficiently. To guide all employees in order to advance the same goals and to show our commitment to continue to develop quality policy. Employees to adhere to the following.

Striving for Quality and Service Toward Excellence

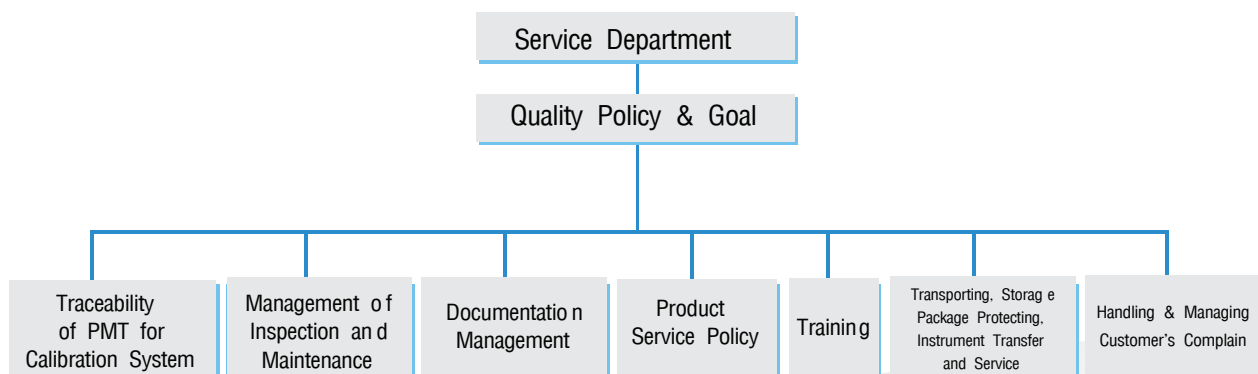
GOAL

Provide Satisfaction before & after sales service to our valued customers with sincerity

SALES STRATEGY

- ✓ Segment the customers by existing and developing business to closely serve them based on their specific needs.
- ✓ Strong focus on how the sales team operates to cope with the customers needs in a certain period of time.
- ✓ Motivate the sales team to serve the customer with their service mind as if they are entrepreneur.
- ✓ Promote the products through seminars, exhibitions and trade publication advertisements in special events.
- ✓ Continuing education and training for all sales and service staff to stay on top of market /product innovation.
- ✓ Advertise online through e-mail marketing and publishing to the websites.
- ✓ Direct selling to the list of companies and customers under sectors covered.

Quality Assurance Standard Flow





Contamination Monitors



Liquid Particle Counters



Airborne Particle Counters



Gas Particle Counters



Environmental Monitoring Systems

Liquid Particle Counters



Syringe Liquid Particle Sampler



CLS-700 T
Corrosives Particle Counter



LiQuilaz® II S Series
Liquid Particle Counter
S02: 0.2 - 2.0 μm
S03: 0.3 - 3.0 μm
S05: 0.5 - 20.0 μm



LiQuilaz® II E Series
Liquid Particle Counter
Sensitivity range: 1.5 - 125 μm



Chem 20™
Chemical Particle Counter
Sensitivity range: 20 - 100 nm



Ultra DI® 20 Plus
Liquid Particle Counter
Sensitivity range: 20 - 100 nm



Ultra DI® 50
Liquid Particle Counter
Sensitivity range: 0.05 - 0.2 μm



UltraChem® 40
Liquid Particle Counter
Sensitivity range: 40 - 125 nm



HSLIS-M65e
Liquid Particle Counter
Sensitivity range: 0.065 - 0.2 μm



HSLIS-M100e
Liquid Particle Counter
Sensitivity range: 0.1 - 1.0 μm



HSLIS-M50e
Liquid Particle Counter
Sensitivity range: 0.05 - 0.2 μm



Air and Gas Particle Counters



Lasair® III 110
Airborne Particle Counter
Sensitivity range: 0.1 - 5.0 μm



Lasair® III
Airborne Particle Counter
Sensitivity range: 0.3 - 25.0 μm



Lasair® III Pro
Airborne Particle Counter
Sensitivity range: 0.3 - 25.0 μm



Airnet II 4 Channel
Air Particle Sensor
Sensitivity range: 0.2 - 10.0 μm



Airnet II 2 Channel
Air Particle Sensors
Sensitivity range: 0.3 - 5.0 μm



IsoAir Pro
Particle Sensor
Sensitivity range: 0.3 - 25.0 μm



HPGP-101-C
High Pressure Gas Probe
Sensitivity range: 0.1 - 5.0 μm



AM II - 16/32
Aerosol Manifold



HPD III
High Pressure Diffuser

FacilityPro® Monitoring System



FacilityPro®
Environmental
Monitoring

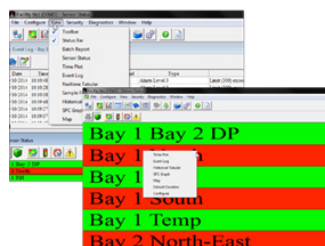


FacilityPro® Software

Facility Net



Facility Net Environmental Monitoring Software



Application Specific Software



DataAnalyst Software



SamplerSight Software



PHOTOMETERS & ACCESSORIES

2J AEROSOL PHOTOMETER



Unmatched user conveniences, data integrity and security, and calibration precision from the world's most trusted photometer manufacturer.

Flow Control : 1 cfm (28.3 lpm) +/- 5%
Reagent Settings : PPAO-4, PAO-4 High, DOP (DEHP), DEHS (DOS), Ondina, Paraffin, User-Defined Reagents
Dynamic Range : 0.0001 mg/m3 (µg/l) to 120 mg/m3 (µg/l) Up to 600 mg/m3 (µg/l) PAO High
Data Output : Thermal printer (optional), USB, Wi-Fi (2J PRO only)

AEROSOL REAGENTS



PAO-4 REAGENT

Boiling Point : >316 °C (601 °F)
Relative Density : 0.819 @ 15.5 °C (60 °F)
Vapor Pressure : <0.013 kPa (0.1 mm Hg) at 20 °C
Available Sizes : 1-gallon and 5-gallon containers

AEROSOL GENERATORS & ACCESSORIES

4B LASKIN NOZZLE AEROSOL GENERATOR



Aerosol Output : 50 – 8,100 cfm
Aerosol Concentration : 100 µg/l @ 810 cfm
10 µg/l @ 8,100 cfm
Generator Type : 1 to 6 Laskin-Nozzles
Compressed Air : min 2.65 cfm/nozzle @ 20 psig
Aerosol Type : Polydispersed (cold)

5D THERMAL AEROSOL GENERATOR



Generation : Thermal vapor
Flow Rates : 833-119,000 m3/hr.
(500 – 70,000 cfm)
Aerosol Concentration : 100 mg/m3 @ 11,900 m3/hr
(100 µg/l @ 7,000 cfm)
10 mg/m3 @ 119,000 m3/hr
(10 µg/l @ 70,000 cfm)
Flex-Fuel Capability : DOP, PAO-4, DOS (DEHS), Ondina EL, and Mineral Oil

6D LASKIN NOZZLE AEROSOL GENERATOR



Aerosol Output : 50 – 2,000 cfm
Aerosol Concentration : 100 µg/l @ 200 cfm
10 µg/l @ 2,000 cfm
Generator Type : 2 or 6 Laskin-Nozzle Jets
Aerosol Type : Polydispersed (cold)
Compressed Air : Not required,
On-board integrated compressor

HEAVY-DUTY CASES



Ruggedized case
Telescoping handles and wheels
Custom foam cut-outs
Space for accessories
Waterproof, crushproof and dustproof



*Case inserts vary by part

AUTOMATED FILTER TESTERS



MODEL : 100X

The 100X Automated Filter Tester is designed for test and quality control validation of filter media, cartridges and masks used in medical and industrial hygiene applications.

AEROSOL INJECTION & CONDITIONING



AEROSOL DILUTER

Ideal for isolators, mask fittings, and installation with low airflows

Dilution Ratio : D10 – 10:1 | D100 – 100:1
Air Flow Rate : 1 cfm (28.3 lpm)
Pressure Drop : Nominally ≤ 1" W.C.
Type of aerosol : PSL, PAO, DOP, and NaCl

RESPIRATOR/MASK TESTERS



JSMLT/PMLT

When donning a protective mask, you deserve the utmost confidence in your gear. Air Techniques International's Protective Mask Leakage Tester (PMLT) is an aerosol & photometry-based instrument designed to confirm mask seal and integrity as well as individual fit.



FILTER

Pleated Cartridge Filter Standard Type



Hydrophobic PTFE Membrane Filter



Hydrophilic PTFE Membrane Filter



Hydrophilic Nylon66 Membrane Filter



High Performance Pleated Filter



High Long Performance Pleated Filter



High Clean Pleated Filter



Hydrophilic PES Membrane Filter



High Particle Holding Pleated Filter



High Flux Absolute Pleated Filter



High Flux Nominal Pleated Filter

FILTER

AIR FILTER

ULPA FILTER

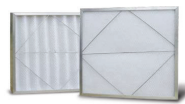


ULPA FILTER - Separator



ULPA FILTER - Mini

PRE FILTER

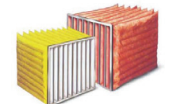


PRE FILTER

MEDIUM FILTER

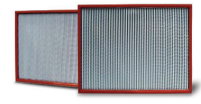


MEDIUM FILTER Separator, Mini Type



MEDIUM FILTER - Bag Type

HEPA/ULPA FILTER for Special Filter

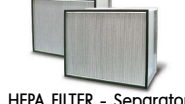


HEPA FILTER - High Temp

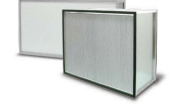


ULPA FILTER - PTFE

HEPA FILTER



HEPA FILTER - Separator (large Capacity)



HEPA FILTER - Separator



HEPA FILTER - Mini

JAF

FILTRATION

MEDIUM HIGH EFFICIENCY AIR FILTER SERIES

Mirapack R

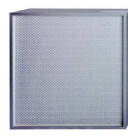
Standard Type Medium Efficiency filter



HEPA / ULPA FILTER SERIES

TetraKleen

PTEE Mini - Pleat Filter



TetraCel

PTEE Aluminium Separator



PRE FILTER SERIES

JS - FB Mat

Roll Type Pre-Filter



JS Mat EC/SD/SU

Roll Type Pre-Filter



DeaKleen EC/SD/SU/SP/MG

Synthetic Fiber Pre-Filter



JS Mat GPM30/GPM60

Roll Type Ceiling Filter - Paint Booth



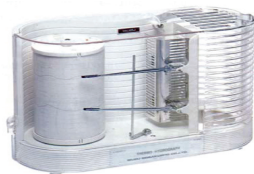


INSTRUMENTS

DATA LOGGER



Digital Temperature Data Logger



Quartz-Type Precision Thermo Hygograph

CALIBRATORS



Process Calibrators

AIR VELOCITY



Airflow Velocity



FlowHoods



Air Velocity Meter

WEATHER INSTRUMENT



Portable Precision Barometer



Wind Monitor Transmitter And Indicator



Weather Measuring System

ELECTRICAL



Digital Multimeters

PORTABLE INSTRUMENT



Portable Sound Level Meter



Brix Hand Refractometer



Real Time Octave Band Sound Analyzer

HUMIDITY & TEMPERATURE



Analog Thermo Hygrometer



Temperature Humidity Dew Point Indicator



Digital Thermo Hygrometer



Infrared Thermometer

PRESSURE



Hand held Digital Manometers



Room Pressure Monitor



Pressure Gauge



Digital Pressure Gauge



ESD & CLEANROOM ACCESSORIES

- General Gloves
(TC Glove, Nylon Glove, Jesy Glove)
- Sticky Mats
- Nylon Glove with PU Coating
- Finger Cots
- Control Dual Mats
- Sticky Rollers
- Face Mask
- Knitted Wipers
- Nonwoven Wipers
- Anti-Static Gloved
- Sealed Edge Wipers
- Head Cover / Shoe Cover
- Cleanroom Fabric
- Cap
- Hood
- Clean Boots
- Swabs
- Cleanroom Instrument
- Cleanroom Shoes
- Static Dissipative Clean Shoes
- Conductive Clean Shoes
- General Shoes

Cleanroom Shoes

BSS-310



BSS-311



BSS-313



BSS-314



BSS-319



Static Dissipative Clean Shoes

BCS-321



BCS-322



BCS-327



BCS-329



BCS-330



Conductive Clean Shoes

710



711



715



755



M37-43 F34-39



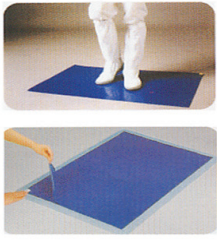
General Shoes



General Gloves (TC Glove, Nylon Glove, Jesy Glove)



Sticky Mats



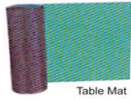
Nylon Glove with PU Coating



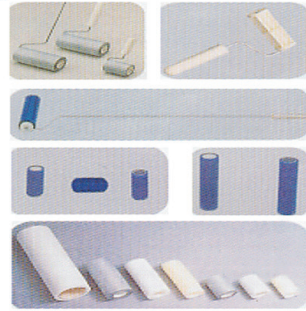
Finger Cots



Control Dual Mats



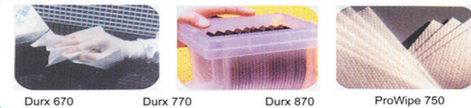
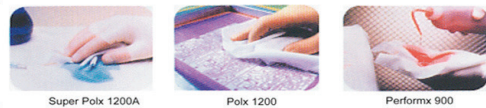
Sticky Rollers



Face Mask



Knitted Wipers



Nonwoven Wipers

Anti-Static Gloves



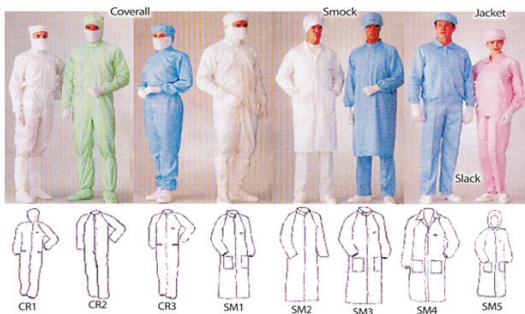
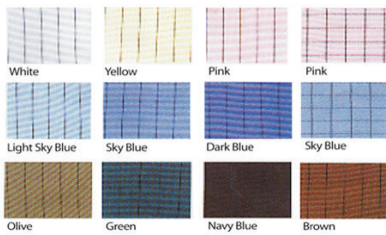
Sealed Edge Wipers



Head Cover
Shoe Cover



Cleanroom Fabric



Cap



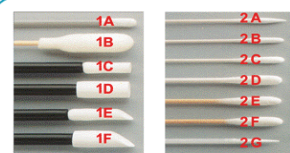
Hood



Clean Boots



Swabs



Cleanroom Instrument





ISO Standard (ISO 14644 –1) (2015)

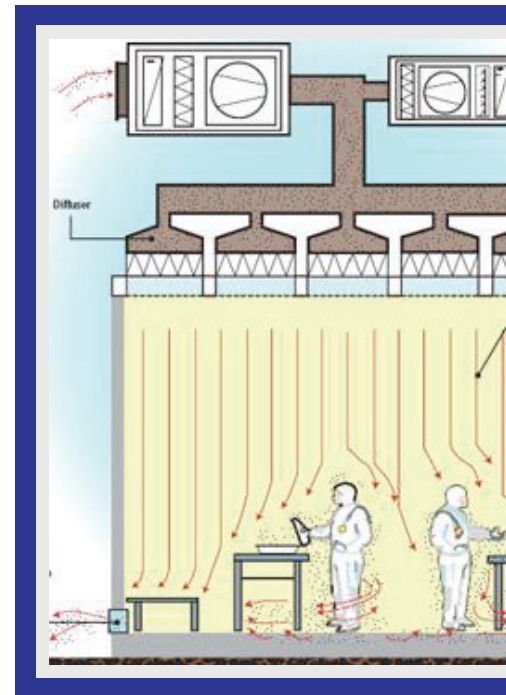
Airborne Particulate Count Test

Class	Count/m ³					
	0.1 µm	0.2 µm	0.3 µm	0.5 µm	1.0 µm	5.0 µm
ISO 1	10					
ISO 2	100	24	10			
ISO 3	1000	237	102	35		
ISO 4	10000	2370	1020	352	83	
ISO 5	100000	23700	10200	3520	832	29
ISO 6	1000000	237000	102000	35200	8320	293
ISO 7				352000	83200	2930
ISO 8				3520000	832000	29300
ISO 9					8320000	293000

Good Manufacturing Practice (GMP)

Airborne Particulate Count Test

Class	Count/m ³			
	At rest		In Operation	
	0.5 µm	5.0 µm	0.5 µm	5.0 µm
A	3520	Not specified	3520	Not specified
B	3520	Not specified	352000	2930
C	352000	2930	3520000	29300
D	3520000	29300	Not predetermined	Not predetermined



Scan Leak Test



**CERTIFIED
CLEANROOM**



CLEANROOM TEST & CERTIFICATION

Test Description

- Airborne Particle Count Test
- Airflow Velocity Test Under
- Temperature Test
- Relative Humidity Test
- Room Pressurization Test
- Scan Leak Test
- Light Intensity Level Test
- Sound Pressure Level Test
- Airflow Parallelism Test
- Flooring Resistance Test
- Recovery Test
- Other

Test Conditions

AS BUILT

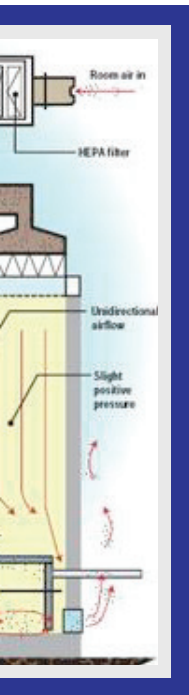
The condition where the installation is complete with all services connected and functioning but with no production equipment, materials or personnel present

AT REST

The condition where the installation is complete with equipment installed and operating in a manner agreed between the customer and supplier, but with no personnel present

OPERATIONAL

The condition where the installation is functioning in the specified manner, with the specified number of personnel present and working in the manner agreed upon



AirBorne Particle Test



Airflow Velocity Test



Room Pressurization Test



Temperature & Humidity Test





REFERENCE CUSTOMER OF INSTRUMENTS

Medical Device



Cleanstat
D Rubber
Foamtech
Innolates
Mölnlycke Health Care
Protective
Sefeskin
Thai Hospital Products
Transitions Optical
Vision-Ease Lens

Water System



Triple Gem
LPE
Treat

Chemical



Aditya Birla Thai Peroxide
Aditya Birla Chemical
Dow Chemical
GE Power & Water Technologies
(Thailand)

Car industry



Ford Moter
ISUZU Motor
Kuroda Auto-Tech
SAINT-GOBAIN SEKURIT
TOYOTA

University



KMUTT Mahidol University

Other



Aerofil
ALS
Bio Calibration
BK Tech
Clean Air Product
ESCO
Gib Thai

Global Tech
Golden Filtech Corporation
Hiform Service
Hill Tech
International Organization-
for Migration (IOM)
IsscoThai Technologies

Lab Micro
Megafil
PTS
QV Test
Scientech
SHEQ
Sona Cleanzones

SPC
TEXCHEM - PACK
Thai Airways
Thai Engineering Materials Analysis
Thai Engineering Specialists
Thai Interfil
Thanes Development

Tikisha
Tri Solution
Trident
Triumph Structures
V. R. Filter



Pharmaceutical



ANB	Boss Pharma	LF Beauty	Pond's Chemical	Thai Nakorn
Atlantic	Department of Medical Sciences	M&H	PP LAB	Thainaoka
Bangkok Lab	GDH	Medicine Product	Rota Lab	Thai Otsuka
Baxter	GHP	Megalife	Sangthai Medical	Thai red cross
Big Chemical	GOLDEN LINE BUSINESS	Nationnal Healthcare	Siam Bhesarch	Thailand Institute
Biolab	GPO BKK	Nida Pharma	Siam Bioscience	of Nuclear Technology
Bionet	GPO MBP	Olan	Somchitt Dispensary	TP Drug
Birlin	Interthai Pharmaceutical	Osoth Inter	Thai Kyowa	Umeda
BL Hua	Johnson&Johnson	Pharmasant	Thai Meiji	Unilab
				Unison
				Vesco

Electronic



Altum	Hutchinson Technology	Magnecomp	Nihon Denki	Sony
Belton	Intriplex	Mektec	Nikkan	Star Micro electronics
Boyd Technologies	ISCM	Microship	NMB	STSS
Compart	JCY	Miyoshi	OKI	TDK
Donaldson	Kaifa	MMC	Salee Industry	Thai Dai Ichi
Fabrinet	Katayama	MMI	Seagate	Vitalo Packaging
Fujikura	Leader Industries	NEC	Seiko Instruments	WD
HGST	Life On	NHK	Seksun	YPC Precision
		Nidec	Shin Etsu	Zkuroda



Government/Institute/University



Bangkok Stem Cell
Bioeden
Central Lab
Chulabhorn Research Institute
Chulalongkorn University (BKK)
Chulalongkorn University (Saraiburi)
Mahidol University
National Institute of Metrology
NSTDA
Suranaree University

Other



Armstrong Rubber
Doi Kham
Foamtec
Foremost
Hoya
Solar Lens

Suwannaphum Airport
T.C. Pharmaceutical
Thai Airway
Thai Peroxide
Transitions

REFERENCE MARKET

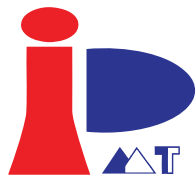
Semi-Conductor
Electronics
Pharmaceutical
Medical Device

Chemical Supply
Computer Disk drive Related
Institution & Other High Tech
Water Treatment

Water System
Petrochemical
Gas
Food & Beverage Manufacturing Industry

Quality Assurance Standard Flow *Service Available*

- ☑ Service including inspection, repair and maintenance.
- ☑ Assurance of backup service from principal.
- ☑ Contact and Principal specifications.
- ☑ Specification after sales product.
- ☑ Service contact upon customer request.
- ☑ Warranty period and condition according to our service
- ☑ Ability to calibrate equipment according to principal's



Particle Measuring Technique Co.,Ltd.

บริษัท พาทิลเคิล เมซูริง เทคนิก จำกัด



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