



# Industrial Solutions Portfolio



Laboratory



Manufacturing



Turnkey Projects



Digitalization



Services

Visit our Linktree



Visit our E-Commerce



# ABOUT MAHA

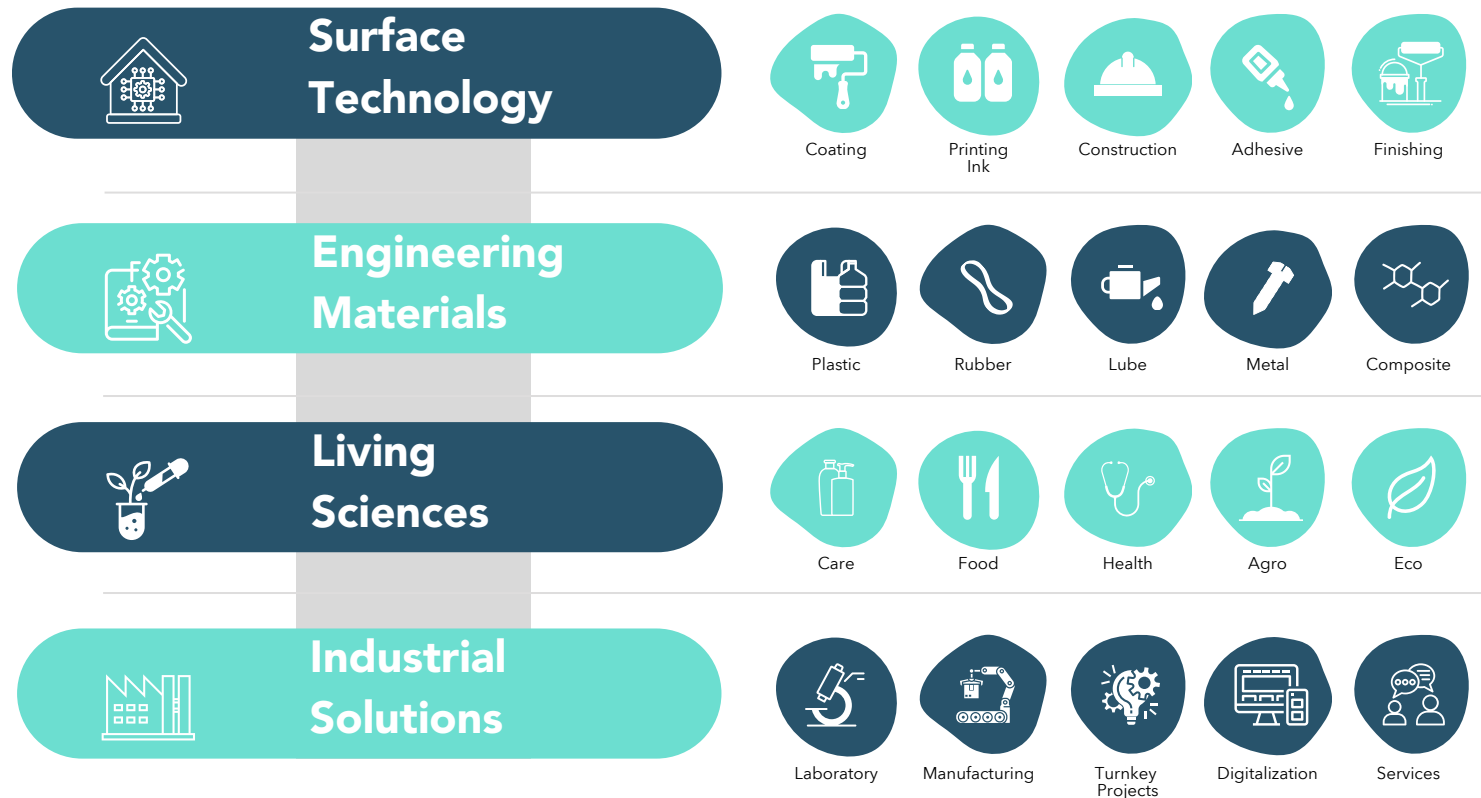
Maha, founded in 1975, is one of the foremost brands in equipment and specialty chemicals distribution in Southeast Asia. With the headquarter based in Singapore, we provide a wide range of solutions with a deep understanding of customers' needs across the various industries. Currently, we operate across 12 countries: Singapore, Malaysia, Philippines, Thailand, Vietnam, Sri Lanka, Indonesia, Myanmar, Cambodia, South Korea, China and Bangladesh.

## Our Vision:

The Preferred Partner for Sustainable Chemistry & Technologies

## Our Mission:

Sharing knowledge, Promoting sustainability, Fostering bonds



# OUR LOCATION



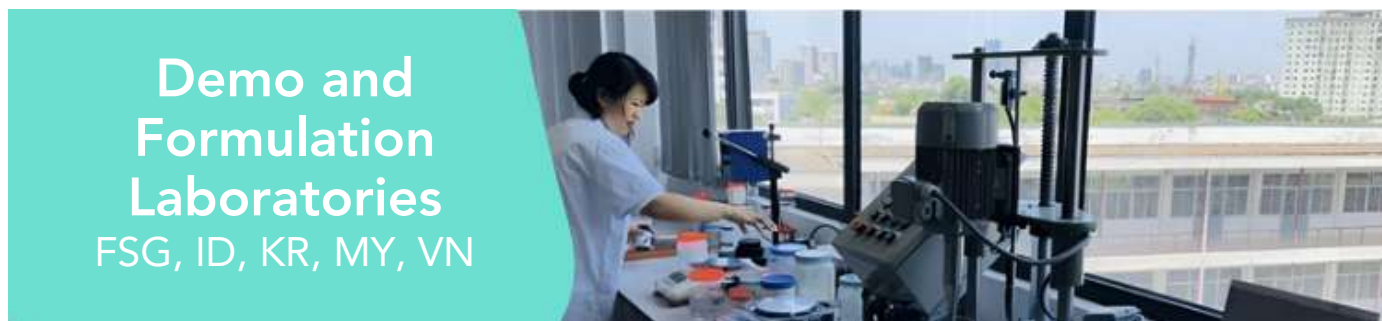
Growing in  
Asia and beyond

- 18 Offices
- 12 Countries



[Our Locations](#)

## OUR FACILITIES



## OUR DIGITAL CHANNELS

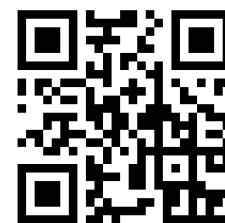
**takeapp**



**CO Chem On**



**eezee**



# INDUSTRIES WE SERVE

## Chemicals & Petrochemicals



- Specialty Chemicals
- Petrochemical
- Paint & Coatings
- Polymer
- Adhesive
- Construction Materials

## Engineering & Electronics



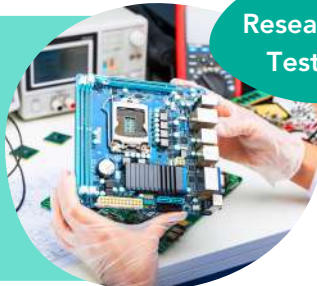
- Electronics and Semiconductor
- Component Manufacturing
- Injection Molding
- Metalworking
- Shoe Manufacturing
- Textile Manufacturing

## Life Science & Food



- Food Manufacturing
- Personal Care
- Biotech/Pharma/Healthcare
- Life Sciences
- Hospitals & Clinics
- Flavor & Fragrance

## Research & Testing



- Universities
- Academia
- Government Research
- Testing Laboratories

# OUR CUSTOMERS

## Research / Quality Control



## Testing Laboratories



## Product Manufacturing





# SUSTAINABILITY



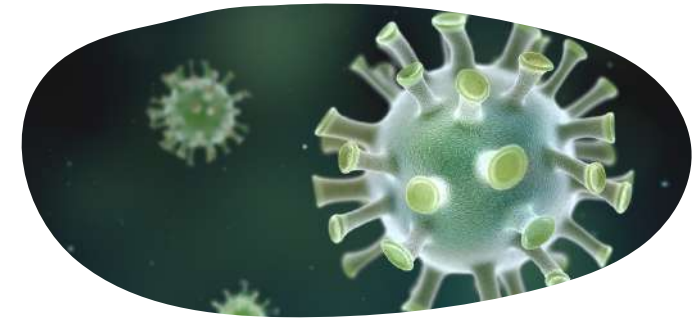
## Green & Sustainable Technologies

- Chemical Recycling
- Waste Reducing Technologies
- Chillers with Environmentally Friendly Refrigerants



## Productivity

- Industrial 4.0
- Digitalization to Reduce Inefficiency
- Monitoring Systems



## Health & Safety

LumenLabs 222nm Filtered Far-UVC Disinfection Lamp

# OUR SUPPLIERS





## LIFE SCIENCE

- ✓ Pharmaceutical
- ✓ Hospitals and Clinics
- ✓ Medical Devices
- ✓ Biotechnology
- ✓ Testing Laboratories



## FOOD

- ✓ Food Manufacturers
- ✓ Food Packaging
- ✓ Food Testing Labs
- ✓ Flavor and Fragrances

LS ST EM

MCA



### Laboratory Instruments

- Density Meter
- Moisture Analyzer
- Particle Size Analyzer
- Refractometer
- Flash Point Tester
- Microwave Digestion

LS

ALL



### Automated Colony Counter

- Sample Preparation
- Inoculation
- Colony Counter
- Slide Staining
- Air Sampling

LS ST EM

MCA | MCI | MCP | MCV | MCH | MCC | MCB



### Color Measurement Instruments

- Benchtop Color Spectrophotometer
- Portable Spectrophotometers
- On-line Spectrophotometers

LS ST EM

MCA | MCI | MCP



### Weathering & Corrosion Testers

- QUV Accelerated Weathering Tester
- Q-SUN Xenon Test Chamber
- Q-FOG Cyclic Corrosion Tester
- QLAB Test Panels

LS ST EM

ALL



### General Laboratory Equipment

- Overhead Stirrers
- Biological Safety Cabinets
- Shaking Incubators
- Magnetic Stirrers
- CO2 Incubators
- Rotary Evaporators

LS ST EM

ALL



### Automated Lab Equipment

- Automatic Capping Machines
- Dispensing Machine
- Quality System Management

LS ST EM

ALL



### Analytical Instruments

- Atomic Absorption Spectrometer
- Inductively Coupled Plasma Optical Emission Spectrometer
- UV-Vis Spectrophotometers
- Inductively Coupled Plasma Time-of-Flight Mass Spectrometer

LS ST EM

ALL



### Molecular Spectroscopy

- UV-Vis Spectrophotometer
- Microplate reader

LS ST EM

MCA | MCI



### Lab Balance, Industrial Scales, Instrument & Equipment

- Centrifuges
- Overhead Stirrers
- Moisture Analyzers
- Pipettes
- Vortex Mixers

LS

ALL



### Advance Optical Technology Provider

- Optical Microscope
- Metrology & Test Equipment

# Life Science & Food

## LABORATORY SOLUTIONS

LS ST EM  
ALL



### Filtered Far-UVC Disinfection Device

- Lumenizer 300 (222nm Far UVC Disinfection Lamp)

LS  
ALL



### Life Science Research Instruments

- Automated Cell Counter
- CO2 Incubators
- Single Cell Suspension Dissociator
- Microcentrifuge
- Microtomes and Cryostat

LS ST EM  
ALL



### Smart Choice for Laboratory Ovens

- Ovens
- Incubators

LS ST EM  
ALL



### Lab Water Purification System

- Water Purification Systems
- Replacement Consumables
- Filtration Products

LS ST EM  
ALL



### Customized DI/RO Water System

- Deionized Water (DI)
- Reverse Osmosis Water (RO)

LS ST EM  
ALL



### Process Chemistry

- Distillation System
- Evaporator
- Reactor Systems
- Essential Oil Extractor
- Freeze Dryer

LS ST EM  
ALL



### Analytical Lab Supplies

- Autosampler Vial
- Headspace Vial
- Sample Vial
- Sterile Syringe Filter
- Membrane Filter

LS ST EM  
ALL



### Laboratory Glassware & Plasticware

- Petri Dish
- Centrifuge tubes
- Pipette Tips
- Microscope Slides
- Plastic Slide Storage Box
- Embedding Cassette

LS ST EM  
MCA



### Chemical Reagents

- Reagents, Chemical and Labware
- Life Science Reagents
- Biopharmaceutical

LS ST EM  
ALL



### Sustainable Dessicant

- Biodegradability
- Includes using renewable energy sources

LS ST EM  
ALL



### Nitrile Powder Free Gloves

- Nitrile Butadiene Rubber
- Medical & Industrial Grade
- Powder Free

## MANUFACTURING SOLUTIONS

LS EM

MCV | MCH | MCT



### Packaging Machines and Solutions

- Turntable Machines
- Blister Machines
- Carton Packaging Machines

LS

ALL

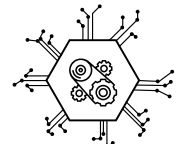


### Planetary Mixers

- Centrifugal Mixers
- Deaeration Mixers

ST

ALL



### AI Sound Predictive Maintenance Systems

- Condition-Based Solutions
- Artificial Intelligence

LS EM

ALL EXCEPT MCI



### Thermoforming Machines

- Vacuum Forming
- Pressure Forming
- Biodegradable PLA Cup Making

LS ST EM

ALL



### Packaging, Filling & Labelling Machines

- Filling Machines
- Labelling Machines

LS

ALL



### Packaging & Testing Equipment

- Water Vapour Permeability Tester
- Gas Permeability Analyzer
- Oxygen Transmission Rate (OTR) Tester

LS ST EM

ALL



### Easyweigh Food Safety Detecting and Weighing Equipment

- Checkweigher
- Weight Grader
- Metal Detector
- X-Ray Inspection

LS ST

ALL



### Solvent Recycling System

- Waste Reduction
- Sustainability



## ADDITIVE MANUFACTURING SOLUTIONS

EM  
ALL



- Micro-Precision 3D Printers
- Industrial/Desktop system

### Benefit

- Microscale 3D Printing
- Open system materials & parameters
- Real-time image monitoring

### Key Specs

- Build size up to 100 x 100 x 75 mm
- Optical resolution: 2, 10, 25  $\mu$ m
- Printing material: High temp, ceramic, and more

## MEDICAL DEVICE MANUFACTURING

### Applications



### Materials - Open-Source Photosensitive Resins



EM  
ALL



- Droplet Deposition Modelling (DDM)
- Industrial system

### Benefit

- 3D print with polymer granules
- High part strength and performance
- Up to 3 material in a single print

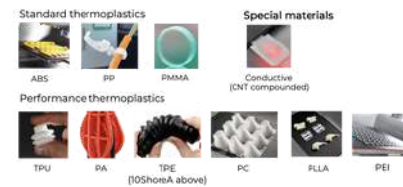
### Key Specs

- Build: 234 x 134 x 230 mm
- Melt Temp: 450 °C & Chamber Temp: 200 °C
- Triple discharge nozzle

## MEDICAL DEVICE MANUFACTURING

### Applications and Materials

#### GRANULES For Arburg Freeformer



#### FILAMENTS For Arburg Freeformer



EM  
ALL



- Fluid Additive Manufacturing (FAM)
- Desktop system

### Benefit

- 3D print with gel-type materials such as silicone, hydrogel, ceramic/magnetic gels
- Up to 3 material in a single print

### Key Specs

- Build: 235 x 270 x 150 mm
- Triple discharge nozzle
- Print with materials up to 2,000 PaS viscosity

## MEDICAL DEVICES AND FOOD MOLDS

### Applications



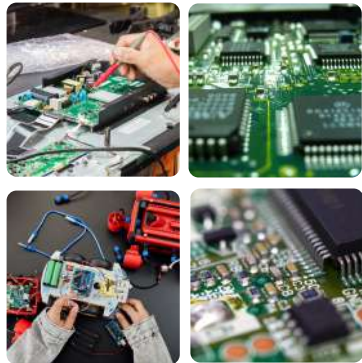
### Materials - Open-Source

Silicon: SIL30, SIL 48, SIL50, SIL65, SIL70  
Others: Food Gels, Ceramic Gels, Hydrogels etc



## ENGINEERING

- ✓ Component Manufacturing
- ✓ Injection Molding
- ✓ Metalworking
- ✓ Shoe Manufacturing
- ✓ Textile Manufacturing



## ELECTRONICS

- ✓ Electronic Devices
- ✓ Semiconductors
- ✓ Robotics
- ✓ Microelectronics
- ✓ Nanotechnology

LS ST EM  
MCA



### Laboratory Instruments

- Density Meter
- Moisture Analyzer
- Particle Size Analyzer
- Refractometer
- Flash Point Tester
- Microwave Digestion

EM

MCA | MCP | MCT | MCV | MVH | MCC | MCB



### Laboratory Instruments

- Flexing Tester
- Flammability Tester
- Abrasion Tester
- Lab Dyeing & Finishing Machine

LS ST EM  
ALL



### Automated Laboratory Equipment

- Automatic Capping Machines
- Dispensing Machine
- Quality System Management

LS ST EM  
ALL



### Lab Balance, Industrial Scales, Instrument & Equipment

- Centrifuges
- Overhead Stirrers
- Moisture Analyzers
- Pipettes
- Vortex Mixers

EM  
ALL



### Advance Optical Technology Provider

- Optical Microscope
- Metrology & Test Equipment

LS ST EM  
ALL



### Process Chemistry

- Distillation System
- Evaporator
- Reactor Systems
- Essential Oil Extractor
- Freeze Dryer

LS ST EM  
ALL



### Lab Water Purification System

- Water Purification Systems
- Replacement Consumables
- Filtration Products

EM  
ALL



### Dry Humidity Cabinets

- prevent 3D printing problems
- Increased brittleness
- Diameter expansion

LS ST EM  
ALL



### Smart Choice for laboratory ovens

LS ST EM  
ALL



### Customized DI/RO Water System

## LABORATORY SOLUTIONS

LS ST EM  
ALL



**ALNSCI**  
Technologies

**Analytical Lab Supplies**

- Autosampler Vial
- Headspace Vial
- Sample Vial
- Sterile Syringe Filter
- Membrane Filter

LS ST EM  
ALL



**QeakLab**

**Laboratory Glassware & Plasticware**

- Petri Dish
- Centrifuge tube
- Pipette Tips
- Microscope Slides
- Plastic Slide Storage Box
- Embedding Cassette

LS ST EM  
ALL



**MERCK**

**Chemical Reagents**

- Reagents, Chemical and Labware
- Life Science Reagents
- Biopharmaceutical

LS EM  
ALL



**ABSORTECH**

**Sustainable Dessicant**

- Biodegradability
- Includes using renewable energy sources

LS ST EM  
ALL



**Nitrile Powder Free Gloves**

- Nitrile Butadiene Rubber
- Medical & Industrial Grade
- Powder Free

## MANUFACTURING SOLUTIONS

EM ST  
MCH | MCI | MCP



**corob**

**High-Tech Dispensing And Mixing Solutions**

- Paint Dispensers
- Gyroscopic Mixer
- Paint Shaker

EM  
ALL



**Spin Coating & Sputtering Solutions**

- Spin Coater
- Plasma Sputtering
- Plasma Cleaner
- Spray Pyrolysis System

EM  
ALL



**Twin Screw Extruder Solution**

- Feeding Systems
- Extruders
- Process Equipment

EM  
ALL



**Plastic Extrusion Machines**

LS EM  
ALL EXCEPT MCI

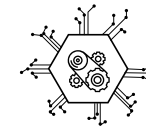


**GtmSmart**

**Thermoforming Machines**

- Vacuum Forming
- Pressure Forming
- Biodegradable PLA Cup Making

LS ST EM  
ALL



**GROUNDUP.AI**

**AI Sound Predictive Maintenance System**

- Condition-Based Solutions
- Artificial Intelligence

EM  
ALL



**eco-dec**  
reuse your dirty solvents

**Solvent Recycling System**

- Waste Reduction
- Sustainability

EM  
ALL



**SEPRE GROUP**

**Industrial Robots for Injection Molding Automation**

- Packaging and Stacking
- Mold Changing automatically
- Customizable and Adaptability easily programmed

LS EM  
MCH | MCI | MCT



**KOCH**  
UHLMANN GROUP

**Packaging Machine and Solutions**

- Turntable Machine
- Blister Machine
- Carton Packaging Machine

LS ST EM  
ALL



**Packaging Equipment Filling machine & Labelling machine**

- Filling machine
- Labelling machine

EM  
ALL



**GBPI**

**Packaging Equipment Testing Equipment**

- Water Vapour Permeability Tester
- Gas Permeability Analyzer
- Oxygen Transmission Rate (OTR) Tester

LS ST EM  
ALL



**EASY WEIGH**  
永一智能

**Easyweigh Food Safety Detecting and Weighing Equipment**

- Checkweigher
- Weight Grader
- Metal Detector
- X-Ray Inspection

## ADDITIVE MANUFACTURING

EM  
ALL



- Powder Bed Fusion (SLS & SLM)
- Industrial system

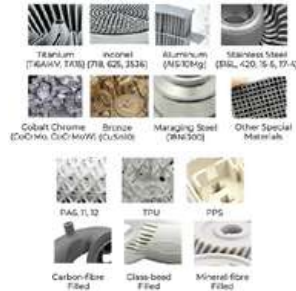
### Benefit

- 3D print with polymer or metal powder
- Open system materials & parameters
- Cost effective

### Key Specs

- SLS: Build area (x, y, z) up to: 1000 x 500 x 450 mm; 100W CO2 Laser
- SLM: Build area (x, y, z): 425 x 425 x 400 mm; 500W Dual Fibre Laser

### POWDERS



EM  
ALL



- Micro-Precision 3D Printers
- Industrial/Desktop system

### Benefit

- Microscale 3D Printing
- Open system materials & parameters
- Real-time image monitoring

### Key Specs

- Build size up to 100 x 100 x 75 mm
- Optical resolution: 2, 10, 25 µm
- Printing material: High temp, ceramic, and more

### PHOTOSENSITIVE RESINS

#### Applications



#### Materials - Open-Source Photosensitive Resins



EM  
ALL



- Droplet Deposition Modelling (DDM)
- Industrial system

### Benefit

- 3D print with polymer granules
- High part strength and performance
- Up to 3 material in a single print

### Key Specs

- Build: 234 x 134 x 230 mm
- Melt Temp: 450 °C & Chamber Temp: 200 °C
- Triple discharge nozzle

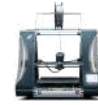
### GRANULES



### FILAMENTS



EM  
ALL



### Zmorph FFF 3D Printer

- Desktop Fused Filament Fabrication (FFF)
- CNC Milling & Laser Engraving

EM  
ALL



### SLA Resin 3D Printer

- SLA Printer
- DLP Printer

EM  
ALL



### 3devo Polymer Filament Recycling

- Filament Maker
- Polymer Shredder
- Polymer Dryer

EM  
ALL



### SHAREBOT SLS 3D Printer

- Research SLS Printers

EM  
ALL



### anisoprint Composite 3D Printers

EM  
ALL



### Tumaker Polymer Pellet 3D Printer

EM  
ALL



### iLaser Ceramic SLA 3D Printer





## CHEMICAL

- ✓ Fine Chemicals
- ✓ Catalyst
- ✓ Chemical Additives
- ✓ Plastic and Rubber



## PETROCHEMICAL

- ✓ Specialty Chemicals
- ✓ Paint & Coatings
- ✓ Polymer
- ✓ Adhesive
- ✓ Construction Materials

LS ST EM  
ALL



### Laboratory Instruments

- Density Meter
- Moisture Analyzer
- Particle Size Analyzer
- Refractometer
- Flash Point Tester
- Microwave Digestion

LS ST EM  
ALL



### General Laboratory Equipment

- Overhead Stirrer
- Biological Safety Cabinets
- Shaking Incubator
- Magnetic Stirrer
- CO2 Incubator
- Drying Oven
- Rotary Evaporator

EM

MCA | MCI | MCP | MCIT | MCV | MCH  
MCM | MCC | MCB | MCK



### Paint & Coating

- Viscometer
- Homogenizer
- High Speed Disperser
- Balance/Weighing Scale
- Wet Abrasion Scrub Tester
- Heating Bath
- Color Assessment Cabinet

EM

MCA | MCP | MCT | MCV | MVH | MCC | MCB



### Laboratory Instruments

- Flexing Tester
- Flammability Tester
- Abrasion Tester
- Lab Dyeing & Finishing Machine

LS ST EM

MCA | MCI | MCP | MCV | MCH | MCC | MCB



### Color Measurement Instruments

- Benchtop Color Spectrophotometer
- Portable Spectrophotometers
- On-line Spectrophotometers

EM  
MCA | MCI | MCP



### Weathering & Corrosion Testers

- QUV Accelerated Weathering Tester
- Q-SUN Xenon Test Chamber
- Q-FOG Cyclic Corrosion Tester
- QLAB Test Panels

LS ST EM  
ALL



### Analytical Instruments

- Atomic Absorption Spectrometer
- Inductively Coupled Plasma Optical Emission Spectrometer
- UV-Visible Spectrophotometers
- Inductively Coupled Plasma Time-of-Flight Mass Spectrometer

LS ST EM  
MCA



### Lab Balance, Industrial Scales, Instrument & Equipment

- Centrifuges
- Overhead Stirrers
- Moisture Analyzers
- Pipettes
- Vortex Mixers

LS ST EM  
ALL



### Molecular Spectroscopy

- UV-Vis Spectrophotometer
- Microplate reader

LS ST EM  
ALL



### Process Chemistry

- Distillation System
- Evaporator
- Reactor Systems
- Essential Oil Extractor
- Freeze Dryer

# Chemical & Petrochemical

## LABORATORY SOLUTIONS

ST  
ALL



**LAU**

**Dispenser**

- Paint dispenser tester

ST EM  
ALL



**TRAMEX**

**Moisture Meters**

Moisture Meters

LS ST EM  
ALL



**Rephile**

**Lab Water Purification System**

- Water Purification Systems
- Replacement Consumables
- Filtration Products

LS ST EM  
ALL



**AQUARI**

**Customized DI/RO Water System**

- Deionized Water (DI)
- Reverse Osmosis Water (RO)

LS ST EM  
ALL



**XQ**  
INSTRUMENTS

**Automated Laboratory Equipment**

- Automatic Capping Machines
- Dispensing Machine
- Quality System Management

LS ST EM  
ALL



**LABORI**

**Smart Choice for laboratory ovens**

LS ST EM  
ALL



**ALUNSCI**  
TECHNOLOGIES

**Analytical Lab Supplies**

- Autosampler Vial
- Headspace Vial
- Sample Vial
- Sterile Syringe Filter
- Membrane Filter

LS ST EM  
ALL



**QeakLab**

**Laboratory Glassware & Plasticware**

- Petri Dish
- Centrifuge tubes
- Pipette Tips
- Microscope Slides
- Plastic Slide Storage Box

LS ST EM  
MCA



**Merck**

**Chemical Reagents**

- Reagents, Chemical and Labware
- Life Science Reagents
- Biopharmaceutical

LS ST EM  
ALL



**Nitrile Powder Free Gloves**

- Nitrile Butadiene Rubber
- Medical & Industrial Grade
- Powder Free

## MANUFACTURING SOLUTIONS

LS ST EM  
MCH | MCI | MCP



**corob**

**High-Tech Dispensing And Mixing Solutions**

- Paint Dispensers
- Gyroscopic Mixer
- Paint Shaker

LS ST EM  
MCA | MCI | MCP | MCH



**NOVAFLOW**  
PART OF corob

**Dispensing Machine for In Can and In Batch System**

- Paint Dispensers
- Gyroscopic
- Mixer Paint Shaker

EM ST  
ALL

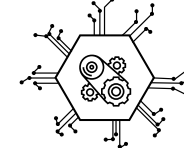


**eco-dec**  
re-use your dirty solvent

**Solvent Recycling System**

- Condition-Based Solutions
- Artificial Intelligence

LS ST EM  
ALL



**GROUNDUP.AI**

**AI Sound Predictive Maintenance System**

- Waste Reduction
- Sustainability

LS ST EM  
ALL



**Easyweigh**  
永一智能

**Easyweigh Food Safety Detecting and Weighing Equipment**

- Checkweigher
- Weight Grader
- Metal Detector
- X-Ray Inspection

LS ST EM  
ALL



**GrePack**  
辉能

**Packaging Equipment Filling machine & Labelling machine**

- Filling machine
- Labelling machine

## LABORATORY SOLUTIONS

LS ST EM  
ALL



### Automated Laboratory Equipment

- Automatic Capping Machines
- Dispensing Machine
- Quality System Management

LS ST EM  
ALL



### Sustainable Dessicant

- Biodegradability
- Includes using renewable energy sources

LS ST EM  
ALL



### Filtered Far-UVC Disinfection Device

- Lumenizer 300 (222nm Far UVC Disinfection Lamp)



## INNOVATIVE & SUSTAINABLE TECHNOLOGIES

- ✓ Waste Reduction
- ✓ Recycle
- ✓ Optimization for resource efficiency
- ✓ Biodegradable packaging
- ✓ Eco-friendly alternative

## MANUFACTURING SOLUTIONS

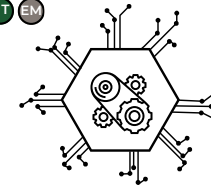
EM  
ALL



### Solvent Recycling System

- Condition-Based Solutions
- Artificial Intelligence

LS ST EM  
ALL



### AI Sound Predictive Maintenance System

- Waste Reduction
- Sustainability

EM  
ALL



### Industrial Robots - Injection Molding Automation

- Packaging and Stacking
- Mold Changing automatically
- Customization and Adaptability easily programmed

## ADDITIVE MANUFACTURING

EM  
ALL



### 3devo

### Polymer Filament Recycling

- Filament Maker
- Polymer Shredder
- Polymer Dryer

# TECHNICAL SERVICES

## Our Services



### Installation and Training

- System installation by Trained Engineer
- Ensure system to acceptance test requirement by the manufacturer before handing over



### Warranty Support

- Provide full comprehensive support during the system warranty period
- Service by Trained Engineer



### Validation and Calibration Services

- Validation - IQ/OQ/PQ Services
- Calibration Services assure integrity of the equipment to produce accurate results



### Preventive Maintenance

To maintain the health and the performance of the equipment, reduce system downtime and ensure that equipment is performing according to specifications

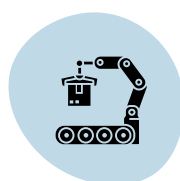


### Equipment & Process Training

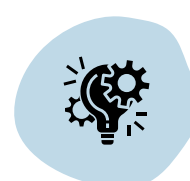
- Equipment diagnostic and functionality check
- Equipment troubleshooting and repairs



Laboratory



Manufacturing



Turnkey Projects



Digitalization



Services

## LAB SETUP



## SERVICES



**Maha Chemicals (Asia) Pte Ltd**



sales@maha.asia

Visit our Linktree



Visit our E-Commerce

