

Automated Micron Assembly Pte Ltd

#### "The Value Added System Supplier"

## **Main Activities**

#### Robots & Vision Systems & its Peripherals Motion Controls, Servo & Stepper Motor Systems NanoTechnology & Piezo Positioners, Actuators, Amplifiers & Controls Standard / Customized XYZ & Theta Stages Wafer Handling System its Peripherals Instrumentation: - Laser interferometers, NMM, SPM, & AFM, 3D Profiler Aerospace & Defense - Servo Motors, Actuators, Ball-screws & Generators

## **SOLE AGENT / DISTRIBUTOR**

**COMPANY PROFILE** 

## **\*ROBOTICS & VISION SYSTEM**

RETHINK ROBOTICS – SAWYER & BAXTER	Intelligent, Smart Collaborative 7-Axis Robot with Embedded Cameras Two-Arm, 7-Axis Robot with Embedded Cameras	
SHIBAURA MACHINE INDUSTRIAL ROBOTS	Industrial, Clean Room and Food-Grade Robots – SCARA, Articulated & Cartesian & 3D Vision System	
MECADEMIC -MECA500	Extra-Small, 6-Axis Precision Robot Arm with 5 Micron Positional	
MECADEMIC-MCS500	Repeatability and Embedded Robot Controller Small Size Ultra Precise SCARA Robot Arm with 5 Micron Repeatability and Embedded Robot Controller	
AIVE FLEXIBLE FEEDER	Low Cost Programmable Flexible Feeder for Small Parts Automation	
BOTA SYSTEMS	High Performance, Compact Force Torque Sensors	
ARTIMINDS ROBOTICS GMBH	ArtiMinds Robot Programming Suite	
AMA MOBILE ROBOTS	UV / Spray Disinfectant Mobile Robot, Auto-Temperature Taking, Tele- Robotics, Remote Monitoring, Smart Home System Control, Mobile Information Counter/Reception	
JAPET MEDICAL DEVICES	Exoskeleton Active Suit for easing wearer back strain, with medical benefits	
FETCH ROBOTICS	AMR - Mobile Robotics Platform for Logistics & Warehousing	
HAN'S ROBOT	Collaborative & Mobile Robot Solution Platforms for all Industries	
DOBOT	Wide range of Collaborative Robots	
WEISS ROBOTICS GmbH	Smart Gripping Systems & GRiPLink	
SHADOW ROBOT	Shadow Robot Hand with 24 Movements and 20 Degree of Freedom	
QB ROBOTICS	qbmove, Advanced Robot Actuator & qb SoftHand, 5 fingers + 19 joints	
TERABEE	Super-fast and Lightweight Distance Measurement/3D/Thermal Sensor, and People Counter Device, using ToF (Time-of-Flight) technology	
STAUBLI ROBOTICS	Industrial & Clean Room Robots – Articulated & SCARA	
ICUB	Open Source Cognitive Humanoid Robotic Platform	
HYULIM / DST ROBOT CO., LTD	Industrial/Clean Room SCARA, Cartesian & Mobile Robot Systems	

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ROBOTECH CO., LTD ALPHA ROBOTICS CO., LTD	SCARA Robot Systems Industrial/Clean Room Cartesian Robot Systems
ATOM ROBOT	Delta Plus, parallel robot with 3D XYZ with rotation around Z-axis
SOFT-GRIPPING GmbH	Modular Design System for Flexible Gripping
END EFFECTORS, INC (EEI)	Wafer-Handling End Effectors, Ceramic and Stainless Steel
APPLIED ROBOTICS INC TECNOMORS SPA	Auto Tool Changers, Compliance Devices & Robotic Peripherals Grippers, Automation components, Robotic accessories & Indexing chucks
VUOTOTECNICA SRL	Complete Vacuum Solutions for the Industries (Pumps, Generators, Etc
*MOTION CONTROLS	
ALTRA MOTION GROUP - KOLLMORGEN	DDL, DDR, Goldline, ServoStar, PMI ServoDisc Motion Products
(PMI, Inland Motor & Industrial Drive)	
- PACIFIC SCIENTIFIC	Steppers, Synchronous & PMDC Motors and Drives
(API Controls & Superior Electric)	
- KOLLMORGEN SEIDEL GmbH	AC/DC Servo Motors and Drives
- THOMSON INDUSTRIES	Linear Motion System, Linear Actuator, ,
NEFF, TOLLO, MICRON,	Linear Actuators, Precision Planetary Gearhead,
THOMSON BSA	Linear Bearings, Pillow Blocks & Ballscrew
BOSTON GEAR	Speed Reducers, Gearing and Drivetrain Components
CLEVELAND	Precision Screw Jacks & its Accessories
- G & L MOTION CONTROL INC	PLC with Peripherals and Motion Controller
MAGMOTOR CORPORATION	DC Brushless/Brush Servo Motor, Drives and Controls
LINEER MOTOR SISTEMLERI	Linear Shaft Direct Drive Motor System

**DOVER MOTION** 

**SERVOTRONIX** 

AMETEK GROUP

- PITTMAN
- HAYDON KERK
- DUNKERMOTOREN
- MAVILOR MOTOR S A

CONVEX CO., LTD

**ALPHA ROBOTICS** 

LS MECAPION

JUSTEK

INGENIA MOTION CONTROL S A

Standalone & Customized Stepper & Servo Drive and Motion Controller

Precision Linear Stages, Air Bearing Spindles and Customized Solutions

Brush & Brushless DC Motors, Drives, Gearboxes, Brakes & Encoders

Brush & Brushless DC & AC Motors. Linear Tubular Motor System

AC Brushless Servo Motor, Drives, Rotary Encoders and Gearheads

AC & DC Brushless/Brush Servo Motors, Drives and Control

Precision Alpha & S Series Planetary Gearheads

Direct Drive Linear & Rotary Precision Motorized Stages

Customized/Standard & Standalone Servo Drives

Linear Stepper Motor Actuator with Ballscrew

AC & DC Standard and Customized Servo Drives

MICRO MOTION TECHNOLOGY Precision Motorized and Manual XYZ-Theta Stages

Precision Motion Control

DRIVE SYSTEMS SRL AC/DC Servo, PM & Geared Motor & Precision Gearheads

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NUTEC COMPONENTS INC.	Precision Positioning Stages & Controls Systems
RSF ELEKTRONIK Ges.m.bH	Linear & Rotary Encoder and Digital Readouts
HEIDENHAIN PACIFIC	Length Gauges, Linear, Rotary & Angle Encoders and CNC Controls
KENDRION MAGNET KENDRION BINDER	Linear, Holding, Oscillating Solenoids, Door & Customized Magnets Electromechanical Brakes, Clutches and Customized Solutions
MICRON	TRUE Planetary Inline & Right Angle Gear-heads
PORTESCAP	Miniature DC/Can Stack, Disc Magnet & Hybrid Stepper Motors
UNIMEC SPA	Standard/Customized Polymer Screw-jacks & Bevel Gearheads
TECHNOSOFT SA	DSP Solution for Digital Motor Control Kits/Intelligent Motion Boards
PIEZOMECHANIK GmbH	Stack/Ring Piezo Actuators, Amplifiers & Controls System
NPOINT INC	Piezo Stages and Nano-Positioning Solutions
LAB MOTION SYSTEMS	Air Bearing Rotary & Linear Stages with its own Motion Controls
KWANGWOO KOREA	Rotary Encoder, Optical Sensor and Light Source Device
SURUGA SEIKI CO., LTD	Precision Stages/Optical Fiber Alignment/Optical Sensor

#### **\*INSTRUMENTATION**

ano-metrology with Miniature Laser Interferometers & Vibro-meters
quipment maker for Life Sciences, Bio-Technology, Pharmacy and esearch Laboratories, etc
SPSI 3D Profiler Frequency Scanning Phase Shift Interferometer
ibration Isolation Tables and Acoustic Enclosures
andard /Customized Active Vibration Isolation &Absorption Systems
conomic Load Sensor and Sensor Strips
oad Cells, Dynamics Strain Amplifiers & Torque Transducers
bad Cells, Force Torque Sensors, Amplifiers & Force Measurement
ensors, Timers, Counters, Switches & Instrumentation
mers and Counters
mers, Counters, Process Indicators & Hubodometers astic / Polymer Bearings
oltage and Power Control Components
oximity & Photoelectric Sensors, Solenoids, Limit Switches & Levers
acuum Contactors, Starters, Overload Heaters & Fire Pump Controllers emperature Controller / Recorders



## \*SEMICONDUCTOR / DISK DRIVES / SOLAR / CHEMICAL

LUDL ELECTRONIC PRODUCTS (LEP)	Microscope Automation for Bio-Precision, & Semiconductor
STAUBLI COUPLINGS	Mono & Multi Quick Release Couplings Systems
RYAN HERCO	Chemical and PFA, PVDF, PTFE Fittings and Tubing
SAINT-GOBAIN - FURON	PFA Fittings, Tubing, Valves, Manifolds & Pumps

### \*AEROSPACE & DEFENSE

KOLLMORGENStandard and Customized Servo Motors, Drives and Electronics<br/>Frameless Direct Drive Servo MotorsTHOMSON SAGINAW / BOEING<br/>GOODRICH / UMBRA CUSCINETTI<br/>BEAVER AEROSPACE / SKYTRONICSStabilizer Ballscrew, Ball Screw Assy, Flapscrew, Flap Power Unit,<br/>Flap Gearbox, Stab Trim Actuator, Flap Transmission, Actuator (GRA),<br/>HSTA, Stab Trim Act Assy, B737 TransmissionTHOMSON LINEAR MOTIONStandard and Customized Linear ActuatorsKWANGWOO KOREAMIL-SPEC Enclosed Rotary Encoder, Optical Sensor and Light Source<br/>Device