



Ikshana
AUTOMATION

SOLAR & SEMICON SOLUTIONS

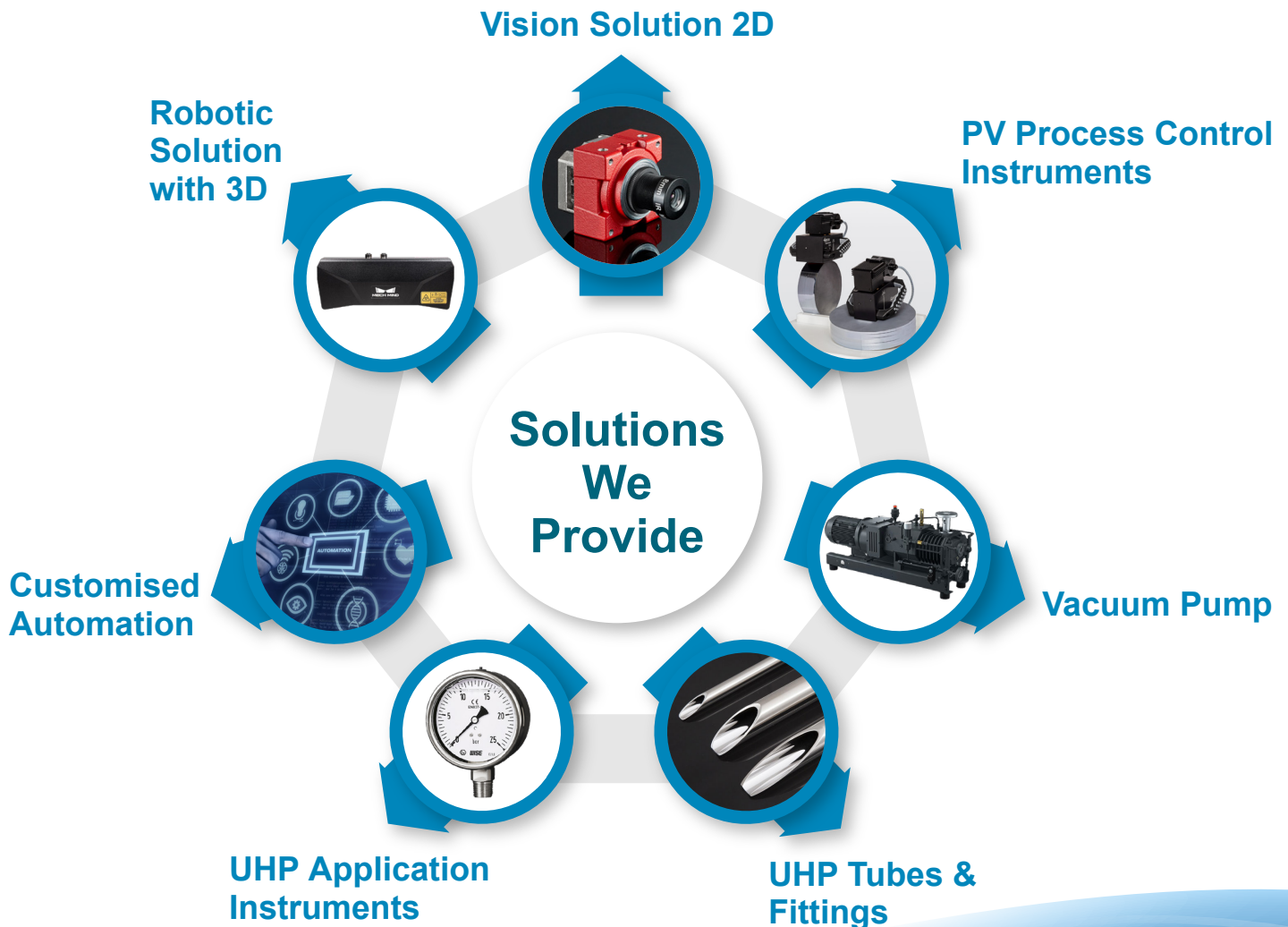
About US

Our Vision is to be the pioneer in the field of futuristic Automation Solutions. Ikshana makes your “Solution Smarter With Clear Vision”.

Automation Solution Provider with 15+ Years of Industrial Experience.

Ikshana Automation was established with a focus to serve Industrial Automation Customers in segments of Vision Automation, Robotics, Customized Automation, Engineering Services & Process Instruments.

Key Focus is on Solar and Semiconductor industry solutions and development of ecosystem catering to these industry.



01

Customized Machine Vision Solution for Solar Cell & Wafer

TTVISION (Malaysia)
Advanced Machine Vision



Photovoltaic Industries

Our PV product portfolio, which consists of solar cell & wafer inspection modules and wafer & cell sorter, are integrated at outgoing and incoming stages of the solar wafer and cell production line or as a standalone inspection system.

- Product Line Up:**
- Quad Cell Sorter
 - WINSIncoming Wafer Inspection
 - FRV-AOIVision Module
 - PL/EL/TF-AOIVision Module

Install Base

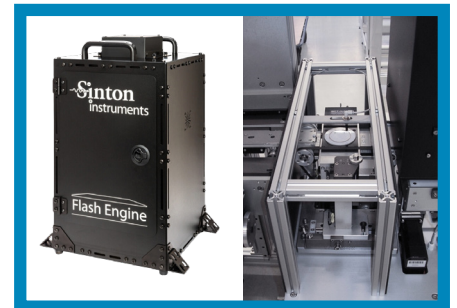
- PV - Over 10GW Production Capacity
- Semiconductor- 1500+ System Installed



02

Special Life Cycle and R&D instruments of Cell & Wafer

Sinton (USA)
Instruments



Inline Test & Measurement Solutions for Each Step in PV Manufacturing

- BLS-1/BCT-400 - Bulk Silicon Characterization
- FMT-500 - Flash Module Tester
- FCT-750 - Inline Light I-V Testing for Solar Cells
- IL-800 - Inline Wafer Testing

R&D Solutions for Test and Measurement Challenges in PV Research

- WCT-120MX and Suns-VocMX
- Suns-Voc Elite: Advanced Suns-Voc Tester
- FCT-650: Light I-V Solar Cell Tester
- Mini Boule Tester: Bulk Lifetime Testing
- WCT-120TS: Temperature-Dependent Lifetime Measurements

03

Machine Vision Allied Vision (Germany) Mech-Mind (China)



Allied vision

The product range includes 2D, 3D, and SWIR camera technology that provides image-capture solutions for factory automation, logistics, medical imaging, and many more digital imaging applications. These systems apply automated optical inspection (AOI) including 2D and 3D measurements with high-accuracy and repeatability for MEMS, advanced packaging, RDL, bumps etc. to ensure that a certain yield can be confirmed and maintained.



Mech-Mind

Mech-Mind is the leading provider of **industrial 2D/3D Camera** and **AI-powered software** for intelligent robots. By combining 3D vision with AI technology, Mech-Mind brings automation to the next level and empowers partners and system integrators to manage the most challenging automation tasks, including **bin picking, depalletizing & palletizing, picking & placing, assembly, and inspection.**

10,000 + Cameras Installed Worldwide

3000+ applications **1500+** customers **50+** countries and regions



04

Bulk Specialty Gas & Chemicals Hankoom (China)



- Bulk Gas & Chemical Supply System
- Valve Manifold Boxes
- Valve Distribution Boxes
- Purification Systems



- Installation
- Commissioning
- Service and Spare Management

05

Wise Control (Korea)

Riken Keiki (Japan)



- Ultrahigh Purity Pressure Gauge
- Ultrahigh Purity Pressure Transmitter
- Ultrahigh Purity Pressure Switch
- Anti-Corrosion Pressure Gauge



- Smart Transmitter/Multi-Gas Detector
- Smart Transmitter/Gas Detector
- Flame-proof Suction Type Gas Detector
- Portable Gas Leak Checker

AUTHORIZATION



Ikhshana AUTOMATION



+91 9714174440 | +91 9714154440



nm@ikhshanaautomation.com
am@ikhshanaautomation.com

704 Sun Avenue One, Near Manekbag Society, Ambawadi, Ahmedabad - 380006.