



ITBIO



CEO Greeting

ITBIO Co., Ltd. is the first company in Korea to have a global business network for developing its own parts equipment, research and develop system software for PC environments, capable in medical, pharmacy and industrial research and development, furthermore, ITBIO has several years of oversea oil-plant related business experiences, which company that always aims for new innovation and global enterprise, and continues to achieve new growth every year by understanding the needs of both domestic and foreign customers by provide developing and supplying innovative solutions that have never been experienced before through creative thinking and approaches to present a new paradigm in the business environment and Lifestyle.

CEO Brent Hong *Brent Hong*



📍 HEAD OFFICE AND FACTORY

HEAD OFFICE ADDRESS

: 405, BioFood Industrialization Center, 111-18, Wonjangdong-gil, Deokjin-gu, Jeonju-si, Jeollabuk-do, Republic of Korea

FACTORY ADDRESS

: 202, Smart IT Convergence Hall, 76, Yeongudanji-ro, Ochang-eup, Cheongwon-gu, Cheongju-si, Chungcheongbuk-do, Korea

📍 MALAYSIA OFFICE

ADDRESS

: 18-9, 1MONT KIARA, JALAN KIARA, MONT KIARA, Kuala Lumpur, Malaysia

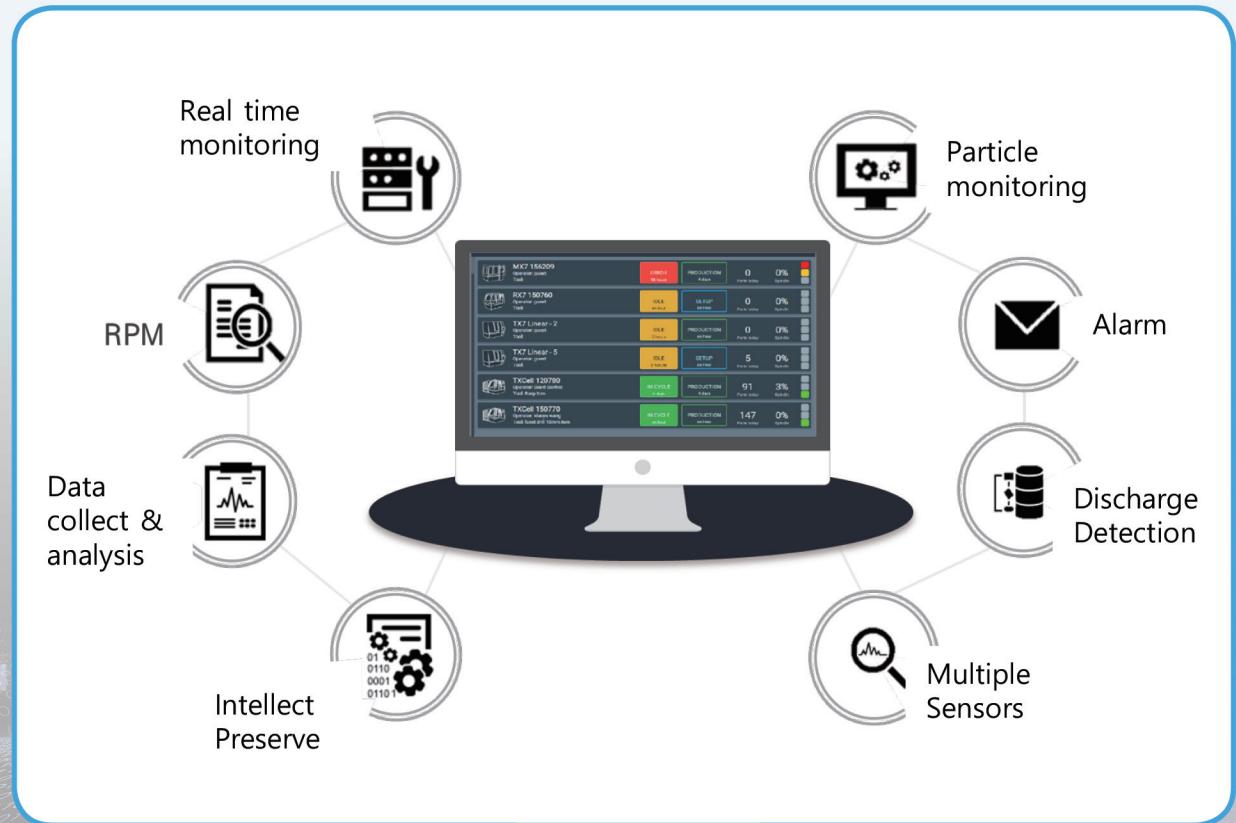
Contact Us

+82-43-212-8465

ITB-RTMS20

Real-time Total Management System

- Multiple sensor integrated controller to collect and analyze data
- Detect and prevent defects by real time monitoring the status of factory parts and equipment
- Compatible with various sensors such as RPM, vibration, temperature, illuminance, and static electricity
- Particle flow monitoring in process and equipment
- Non-contact abnormal discharge (spark) detection and data collection possible
- Data collection/analysis is possible by providing UI for user convenience (graph, history)
- Prevention of production loss through immediate alarm to manager in case of abnormality

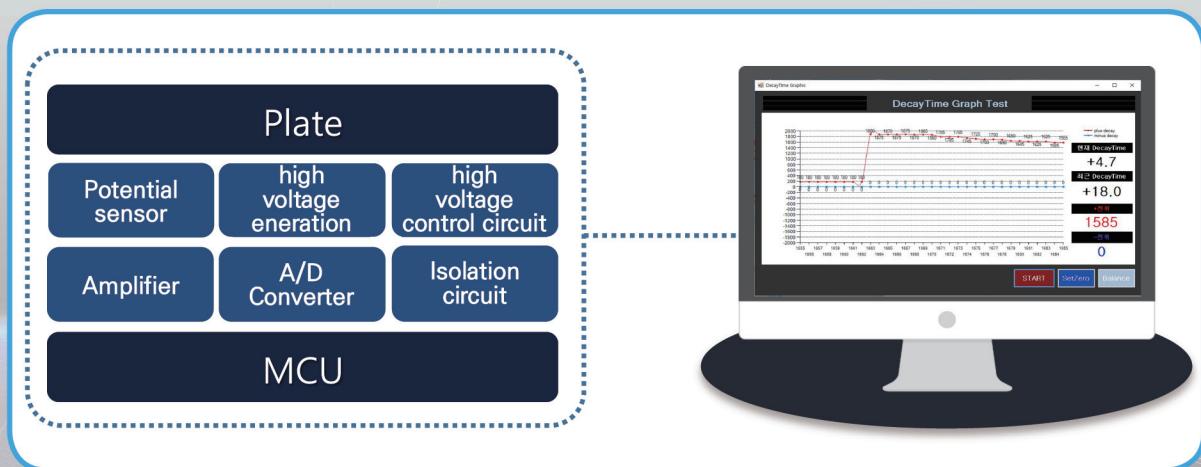
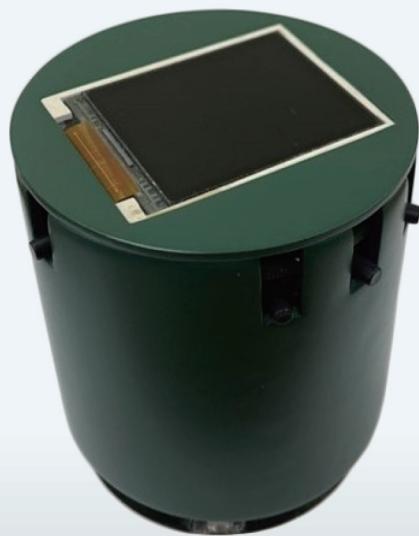


ITB-IONDT20

Portable Potential Attenuation Meter

- ☰ Potential attenuation time: The time that the applied voltage is attenuated by 90% by applying the voltage
- ☰ Purpose: Real-time grasp ionizer operation to remove static electricity (ESD)

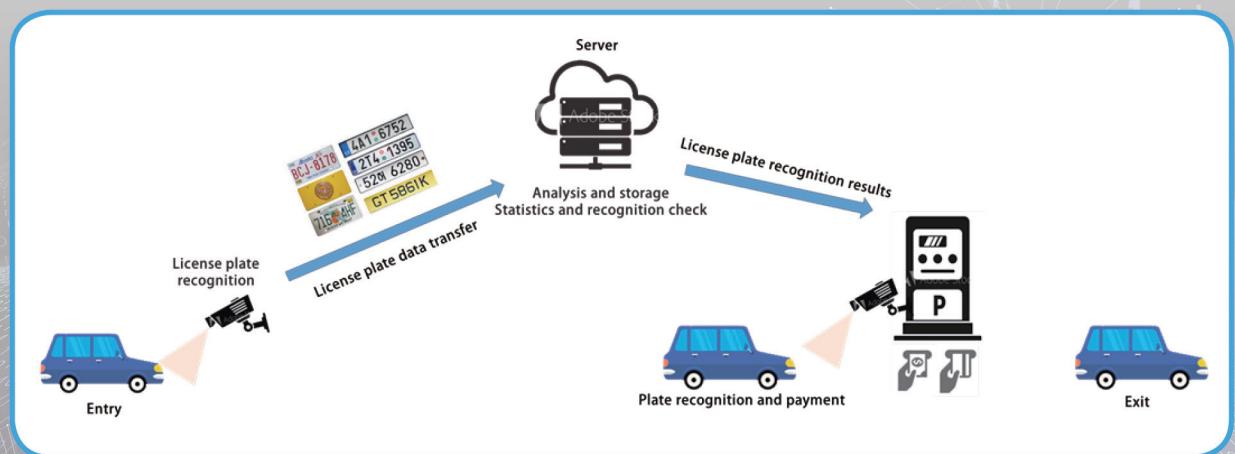
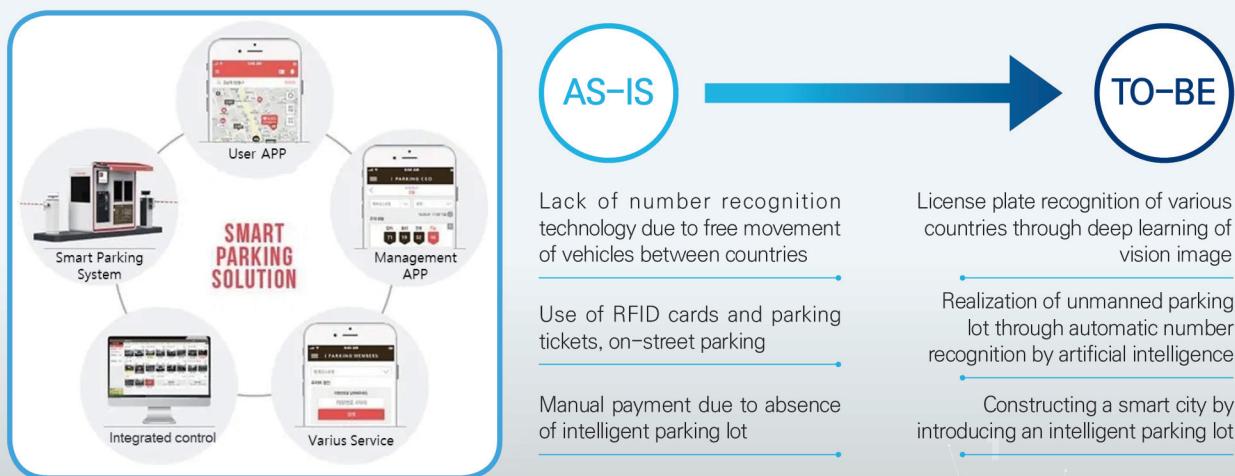
- Prevention of production quality degradation due to static electricity (ESD)
- Improved reliability by improving electrostatic (ESD) management
- Easy to install due to its compact size and light weight compared to commercial products
- All-in-one (Plate & Controller)
- GUI provided: Real-time data collection/analysis (graph, history)
- Real-time alarm/warning in case of abnormality
- Easy to install due to its compact size and light weight compared to commercial products



ITB-VPSYS20

Vision Parking System

- System that collects vehicle license plate numbers by camera image and stores the extracted data into DB converted texts data that through the process of reading and analyzing the numbers & letters & symbols of the license plate with a deep learning algorithm.
- Establish a smart city by recognizing various and special license plates through vision cameras and learning software and grafting them into parking lots.

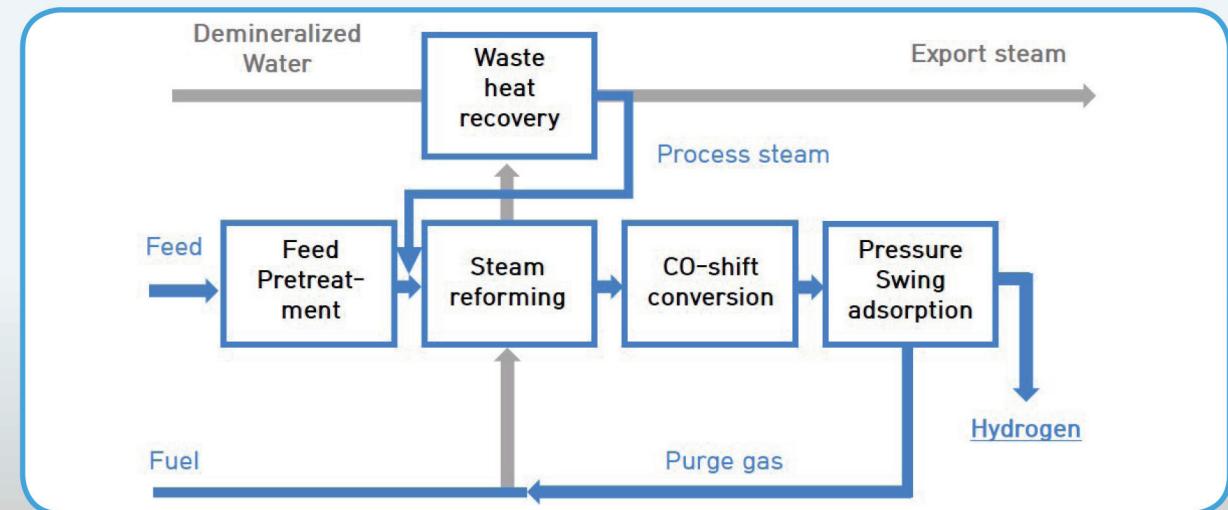
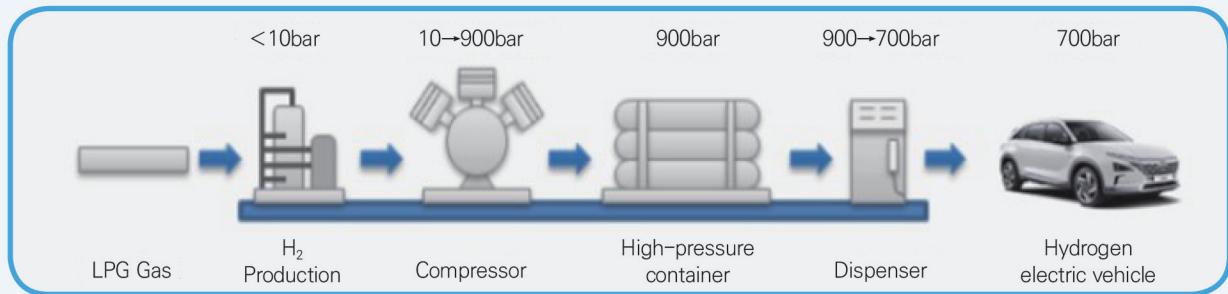


< System Diagram >

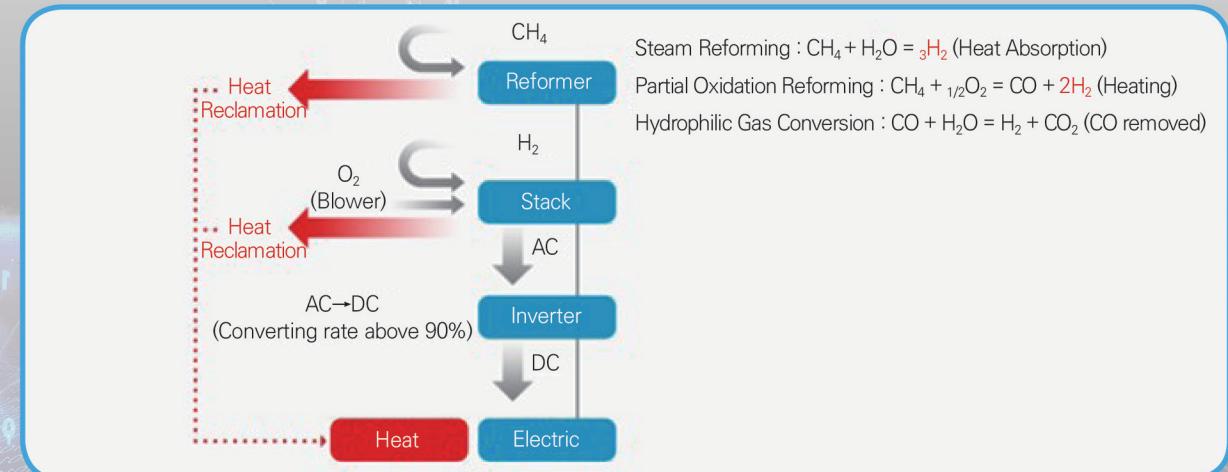
ITB-HRSYS20

Hydrogen Reformer

Equipment that produces hydrogen from natural gas to use hydrogen as fuel



⟨ Hydrogen Reformer System Diagram ⟩



⟨ Hydrogen Reformer Energy Storing System Diagram ⟩

Plant



Operation

- Plant Operation
- Preventive Maintenance
- Facility Management
- Benchmarking
- Energy Saving Concept

Consulting

- Site Selection
- Feasibility Studies
- Programming
- Environmental Studies (EIA)
- Process Simulation
- Cost of Ownership Models
- Authority Permitting (DO, BP)



Associated Services

- Structural
(Foundation, Steelworks)
- Architectural Modification
- / Rework
(Raised Floor, Wall)
- Rigging, Equipment Move-in





Industrial Piping and Tank

- Project manager
- Contracting
- Procurement
- Scheduling
- Cost Control
- Supervising
- QA/QC
- Commissioning and Start-up

Design

- Infrastructure
- Cleanroom System
- Mechanical System
- Process Supply Systems
(Gases, Chemicals, UPW)
- Process Mechanical Systems
- Environmental
and Safety Systems
- Material Logistics
- Equipment Hook-up
- Authority Submissions

