



SMART FARM SOLUTION

SMART AIRPORT SOLUTION

SMART LAB SOLUTION

SMART FACTORY SOLUTION

SMART RETAIL SOLUTION

SMART LOGISTICS SOLUTION

40TH Anniversary



[CAS Official Homepage](#) | [View Company Introduction](#)

This introduction has been published as an Interactive PDF, including the function of shortcuts to related websites.





CAS 40th ANNIVERSARY

CAS is celebrated of 40th anniversary that started in 1983 with aim of an automated systems of robot.
CAS will keep grow into the world's best weigh and measurement sensor company that leads
global standard based on 40 years of experience.

Record of 40 years' History CAS 2023

WE WEIGH THE WORLD



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Global Manufacturing Base

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COMPANY INTRODUCTION

CEO Message

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CEO Message



CAS started as a venture company with the goal of Engineering Automated Robotics in 1983 is now celebrating its 40th anniversary. I would like to express my gratitude to all our employees, who had devoted their lives for the growth of the company and to all of those who have trusted and supported CAS over the years.

CAS became the leader in Korea for electronic scale industry, changing mechanical scales into electronic scales. We have transformed the traditional market culture to a modern market culture, redefining trust in commerce as our slogan said, 'CAS Scale is good for both customer and vendor.' Our interest in sensor technology has expanded to other various physical sensors, measurement instruments, and vision inspection solutions, and is being defined for various industrial environments.

Interest in the global market has resulted in exporting to overseas markets from the early days of CAS. CAS had expanded China factory in 2013 to secure competitiveness in the global market where technology and price competition are fierce. On top of our production capabilities, CAS now has global network over 120 countries growing continuously over time.

The establishment of an overseas infrastructure for CAS is a cornerstone to get closer to customers. CMO (CAS Mobile Office) was established to listen their needs and to provide customized solutions throughout customers visit. These efforts are being forming into solutions for production and inspection equipment required for cutting-edge industries ranging from heavy to nanotechnology industries.

Celebrating its 40th anniversary, CAS is preparing to establish CAS SFC (Smart Factory Complex). We will reorganize our business portfolio with smart factory engineering gathering data from our sensors required for advancing industries and push our boundaries to robotics solution to accommodate changes required by the industrial environment.

We always remind ourselves of the venture company mindset from the start, and value the trust that we have built with our customer as the sensor company. Stay in tune with us, as we continue to aim to be the global leader in sensor and weighing technology.

CEO of CAS **Indy(Tae-in) Kim**



Overview

CAS is a leading Korean company that leads the standard of commercial and industrial weighing systems based on sensor and weighing technology. 40 Years ago-when disbelief about Weighing scales prevailed, CAS developed and distributed digital electronic scales in the domestic market to receive trust in weighing.

Since its founding in 1983, CAS has acquired major weighing standards with the slogan “We Weigh the World”, and has been recognized for its value abroad by exporting to over 120 countries through 11 overseas branches.

Company Name	CAS Co., Ltd.
Date of establishment (IPO date)	April 19, 1983 (December 28, 1989)
CEO	Tae-In Kim
Headquarters location	262, Geurugogae-ro, Gwangjeok-myeon, Yangju-si
Representative Phone number	+82 31 820 1100
Number of employees	786 (including overseas employees)
Business Field	Manufacturing (Electronic scales, Measuring instruments, Weighing sensors, Engineering design, Printed materials)
Affiliates	(Korea) CAS Chemical, CAS E&C, CAS Label
Sales	170 billion won (\$ 134,000,000)
Capital	13.2 billion won (\$10,400,000)
Official Website	(Korea) www.cas.co.kr / (global) www.globalcas.com

* As of the end of 2022



Korea Brand Power No. 1 (Digital Scale Category)
CAS has been firmly maintaining No. 1 brand power in the electronic scale category. With 70% of the Korean market share, we are steadily receiving the trust of our customers.



The Founding of CAS 40th
CAS is Korea's leading brand that has been recognized for 40 years by its domestic capital and technology.



National Service Center Network 70 Offices
CAS is growing as a customer-oriented company by our 70 service centers including 13 branches in Korea.



Global Weighing Certified Products 124 Products
CAS has obtained various weighing certifications from global countries based on the weight sensor technology.



Partner Countries 120 countries
CAS is a global company that exports its products worldwide, based in 120 countries.



Management Philosophy

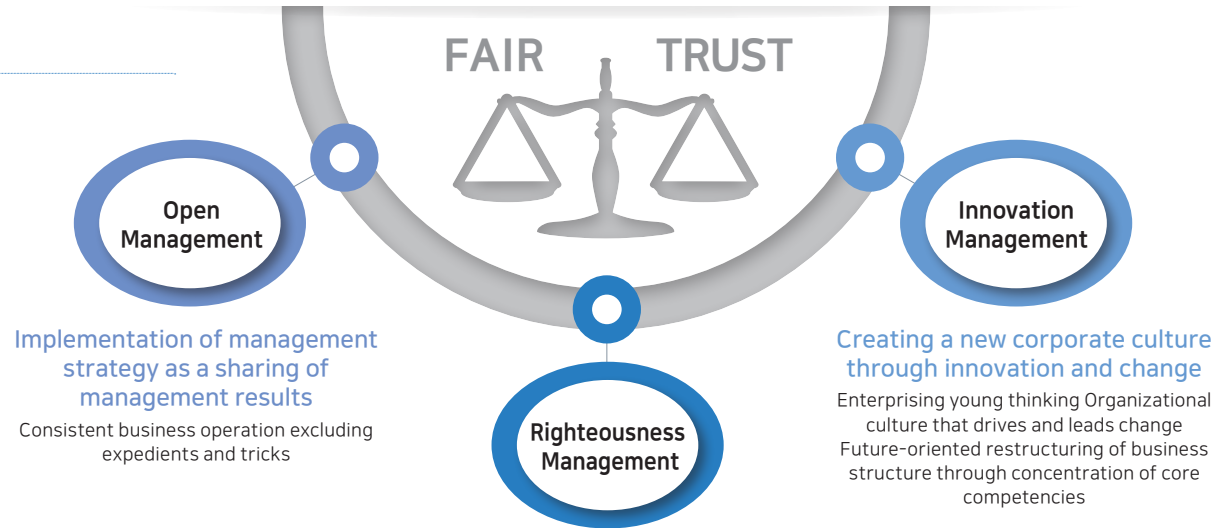
VISION & SLOGAN

WE WEIGH THE WORLD

GOAL

The world's leading company for weighing, sensor and measuring Instrument.

Management Strategy



Management that values justice (standards and principles)

"First save his kingdom and his righteousness" (Matthew 6:33)

Pursuing business flexibility based on standards and principles that meet global standards



History & Award 40 years of endless challenges and innovation



Establishment and Challenge

- 1983** Establishment of CAS co., Ltd.
- 1985** Order of Industrial Service Merit, Tin Tower
- 1987** Korea's first electronic scale Export(Portugal)
- 1989** Development of the first strain gauge in Korea
Designation of the National Calibration Agency (No 177)
Listed on KOSDAQ
- 1990** Acquirement NIST U.S. weighing standard
Establishment U.S. branch

Growth and Globalization

- 1991** Acquirement UL American safety standard
5 Million Dollar Export Monument Award
- 1992** Korea's first label printing scale development
Establishment Turkey branch
10 million dollar export award
- 1993** Success in transccontinental Asia (Baekdu mountain - Istanbul)
Establishment India branch
- 1994** Korea's first acquirement OIML
- 1995** Establishment Shanghai corporation in China
- 1997** Acquirement ISO 9001
- 2000** Cumulative production of electronic scale exceeded 1 million units

Business scope Expansion

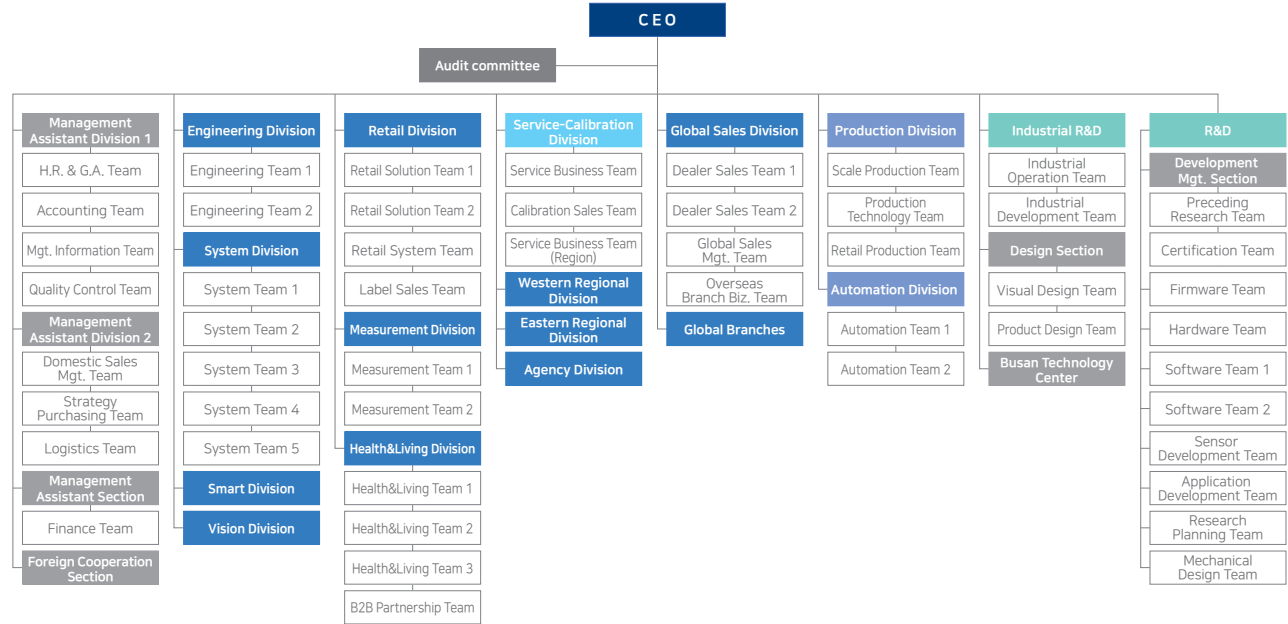
- 2001** Selected as the best ISO 9000 certified company for 2 consecutive years
- 2002** Launching CAS measuring instrument business
Scale Enbody development
- 2003** JMAC(Japan Management Association Consultants)
Global Best Company
- 2004** Establishment German/Poland corporation
- 2006** Implementation of eco-friendly program
30 Million Dollar Export Monument Award
- 2007** KDB 2007 Global star Award - Ministry of science and technology
- 2010** Global Management Award

Smart Factory Business

- 2011** iF design award 2011(PB)
- 2012** CL7000-D Good Design selection
Prime minister's award at the precision industry technical competition
- 2013** World Class 300 company selection
Completion of Jiashan Factory, China
Establishment of CAS Chemical
- 2014** Acquirement of ISO14001
- 2015** Global management Award
- 2019** Global Customer Satisfaction Competency Index(GCSI) 1st
Global Brand Competency Index(GBCI) 1st
- 2021** Global Customer Satisfaction Competency Index 1st
- 2022** Establishment Mongolia Rep.Office



Organization





R&D

Start of technological innovation CAS R&D Center

The CAS's R&D Center, which is actively conducting research in the fields of electronics scales and sensors, focuses on the overall technological development of CAS and overseas local marketer training.

Core technology for the best weighing measurement solution

CAS firmly believes that the development of products for the business situation of customers and users begins by listening to the customer. CAS is working to develop products that best reflect the needs of the field by implementing an open communication policy that allows the field and research center to share information. In addition, through various partnerships, such as technical cooperation and industry-academic cooperation, CAS achieves technological innovation and provides the best total weighing and measurement solutions to customers around the world.



National Project - WC300

Project Title	Task Name	Dedicated Agency	Term
Source technology development of light-based weighing sensor, for supplying laboratory scale with 1/100,000,000 resolution	Development of load transfer mechanism with 1/10,000 resolution	KEIT (Korea Evaluation Institute of Industrial Technology)	2013. 09 ~ 2014. 08
	Development of displacement amplification transducer with 1/10,000,000 resolution	KEIT (Korea Evaluation Institute of Industrial Technology)	2014. 09 ~ 2015. 08
	Development of light-based integrated weight scale with 1/10,000,000 resolution	KIAT (Korea Institute for Advanced Technology)	2015. 09 ~ 2016. 08
	Development of light-based integrated weight scale with 1/100,000,000 resolution	KIAT (Korea Institute for Advanced Technology)	2016. 09 ~ 2017. 08





Manufacturing Base

Domestic Manufacturing Base

Yangju manufacturing base, which started in 1985, is a historical place for various products ranging from CAS's initial production to the current smart factory and the 4th industry. In Galileo building, CAS is producing strain gauges, which are the core part of weighing sensors load cells. Also, various load cells and indicators are produced and provided to industrial sites. In the main sector, label prints and products for retail and industrial sites are produced. In addition, CAS is an official KOLAS calibration agency and operates a calibration center that enables maintenance and calibration within the Yangju.



Global Manufacturing Base

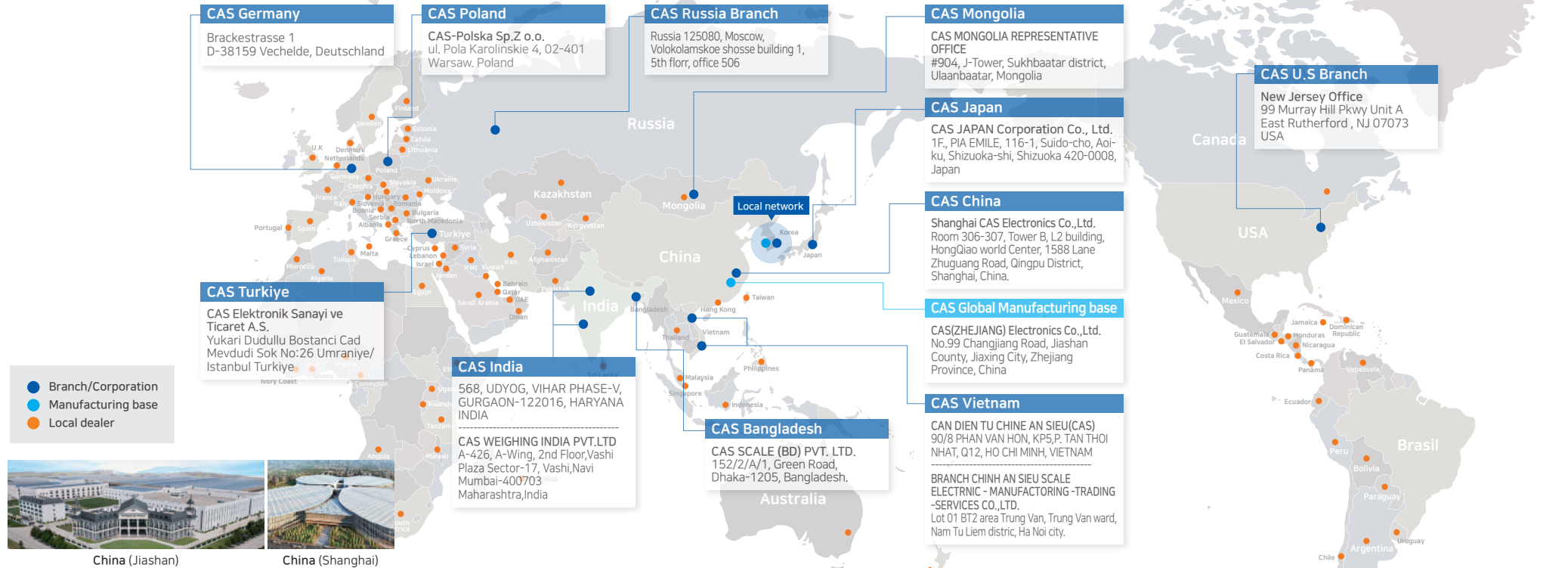
CAS global manufacturing base develops products for various industries to realize a total weighing solution. Building A produces label printing scales, various retail products, simple weight scale, counting scale, small industrial product, scale for research. Building B produces industrial products such as platforms, and also customized products. Building C produces system products such as can filler and packing machines and provides solutions for logistics and factory automation.





Global Network

Since its foundation in 1983, CAS has acquired major weighing standards in each country, and has sold products to over 120 countries through 11 overseas corporations and branches. Furthermore, we plan to strengthen overseas business, pursue business stability through localization strategies.





Domestic Network



Seoul Office, Management Headquarters, Service Center
 CAS building 1315, Yangjae-daero, Gangdong-gu, Seoul
 Tel : +82 2 2225 3500

CAS SFA Manufacturing Base
 CAS SFA, 189, Gwangjeok-ro, Gwangjeok-myeon, Yangju-si, Gyeonggi-do
 Tel : +82 31 820 1235

CAS Headquarters, R&D Center, Manufacturing Base
 262, Geurugogae-ro, Gwangjeok-myeon, Yangju-si, Gyeonggi-do
 Tel : +82 31 820 1100



CAS Incheon
 Hallelujah building 503, 17, Guwol-ro, Michuhol-gu, Incheon
 Tel : +82 32 434 0281

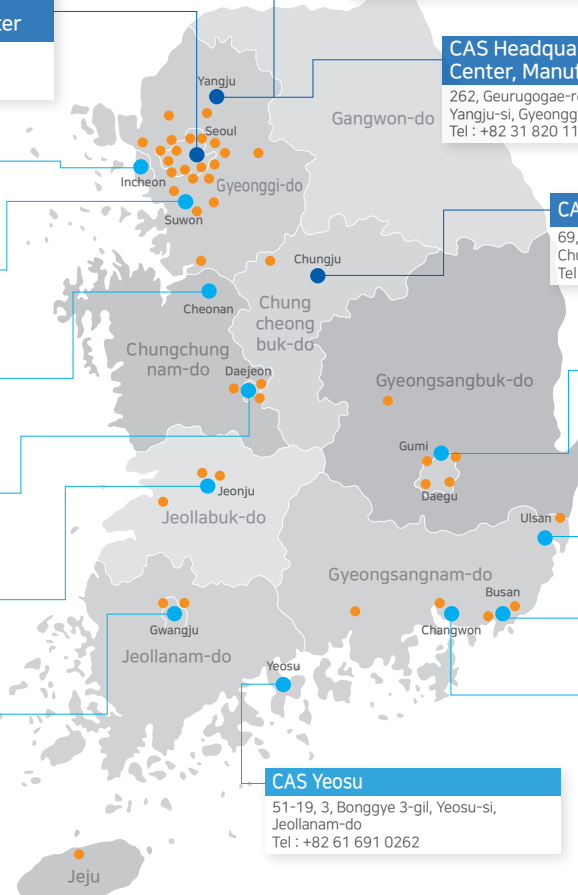
CAS Suwon
 The first tower 2nd 1501, 14, Dongtangiheung-ro, Hwaseong-si, Gyeonggi-do
 Tel : +82 31 8015 4295

CAS Cheonan
 3F, 7, Eopseong 3-gil, Seobuk-gu, Cheonan-si, Chungcheongnam-do
 Tel : +82 41 621 1015

CAS Daejeon
 Seok-chun building 301, 1254, Hanbat-daero, Dong-gu, Daejeon
 Tel : +82 42 672 1016

CAS Jeonju
 Hosu Building 3F 302, 104-12, Jungdong-ro, Deokjin-gu, Jeonju-si, Jeollabuk-do
 Tel : +82 63 211 4661

CAS Gwangju
 Haeden Building 3F, 16, Sangmunuri-ro, Seo-gu, Gwangju
 Tel : +82 62 363 0262



CAS Chemical, Manufacturing Base
 69, Chungjusandan 5-ro, Chungju-si, Chungcheongbuk-do
 Tel : +82 43 841 7800



CAS Daegu / Gumi
 5F, 808, Hoguk-ro, Buk-gu, Daegu
 Tel : +82 53 356 7111

CAS Ulsan
 3F Myungpum Building, 96, Namjung-ro, Nam-gu, Ulsan
 Tel : +82 52 267 3626

CAS Busan
 3, Garak-daero 912beon-gil, Gangseo-gu, Busan
 Tel : +82 51 313 3626

CAS Changwon
 101 Venture Zone Paryong Mecca Villige Knowledge Industry Center 3, Bangye-ro, Uichang-gu, Changwon-si, Gyeongsangnam-do
 Tel : +82 55 255 4371

CAS Yeosu
 51-19, 3, Bonggye 3-gil, Yeosu-si, Jeollanam-do
 Tel : +82 61 691 0262

- Research / Manufacturing / Management Headquarters
- Regional Offices
- Service Centers



Service (CAS Galileo Marketing)

In order to gain customer confidence, CAS provides technology-driven close-up services to give convenience and benefits to customers at regional local headquarters.

CMO (CAS Mobile Office)

Visiting Service_CAS Mobile Office

CAS Mobile Office is the answer to all weighing and measurement requests of customers. CMO will maintain close relationships with local customers, while serving as a bridge between regional, national and global companies. It is an activity that manages products through regular customer visits, maintains product reliability, and increases customer satisfaction.



CTS (Calibration Traceability System)

CAS Traceability System

CTS is a Calibration traceability history management system for meters, and it is a system to efficiently and systematically manage regular inspection and calibration of scales and various meters.



Search service of meters



Information service for location of meters



Alarm service for calibration term





Certification

WE WEIGH THE WORLD



OIML Certification
88 Products

Product List

SW-1 Series, SW PLUS Series, ER JR Series, PW-II, AD, AP PLUS / AD PLUS Series (1M), AP Series, BW Series, BW-1, CASTON Series (1M), CAU Series, CL5000 / CL5000J Series, CL5200 Series, CL5200N Series, CL5200-XN Series, CL5000 Series, CL7200 Series, CL7200-D Series, CT100 Series, UUV / UX / XB Series, DB-1H, DB-II, DB-III, Dolphin Series (OMV2), Dolphin Series (OMV4), EC Series, SW Series (OMV2), SW Series (OMV4), ER Series, FW500 Series, HS Series, H5-2, LP / LP-1 / LP-1.6 / LP-1.7 / LP-T / XP, LP-II, MP Series, AW / AX / AY, PB (1M), PBI, PD-II, POScale, PR PLUS Series, SP-1, SW Series, SW-1, SWI PLUS Series, SWI Series / PRII Series, SWI-B / PRII-(B, P, U, D), TP-1, TP-II, XE Series, XE PLUS Series, CI-2000 Series, CI-2001 Series, CI-200 Series, CI-600A / CI-600D Series, CI-600 Series (CI-600A MID), NI-500, PDI / PDI-S, RW-5000 Series, BC0-xxL, BCW-xxL, BCA, BCB-xxxL, BC-xxxxF, BCL, BCLS-xx, BCN / BCM, BCS, BSA_High, BSA_Low, BSS / BSSC, DSB1, HBS, SBA, SS-XI, WBK / WBS, WBK-D, CL8000-PCX / CL8000-B / CL8000-SU / CL8000-U, PB (OMV4), PDN-ccxx Series, CL5500 Series, CL5200J Series, CL3000 Series, CL8000 Series, CI-170A, CN1 Series, CASTON-II PLUS series, CL5500N Series



NTEP Certification
36 Products

Product List

PDN-cc, RW-PL Series, CL 3000 Series, CL 5000 Series and CL 5500 Series, BCM Series, SS-xk Series, BSS Series, BCA-XL Series, SBA Series, BSA, BSAC and BSAP Series, DL Series, FW500 Series, CL7200 Series, DSB1 Series, GW-XXX, CI-100A, SW-5, SW-10, SW-20, SW-50 & SW-RS, PD-I, PD-II, CI-2001 Series, BW Series, LP-1000, NC-1, AP-1, S-2000, ER JR xxB & ER JR xxU, EB Series, SW-1W, ED Series, S2000 Jr, HCMS-x & HCS-x Series, Enduro DXL-10xxx, Enduro DXL-12xxx and Enduro DXL-15xxx Series, X320, R420 and R423, PB, CI-200A, CI-201A, CI-200S and CI-200S, CPS-1, CPS-2, HFS 4xx & HFS-5xx Series, RW-10L / RW-05L / RW-10S / RW-05S



CE Certification
102 Products

Product List

SW-1 Series, CK-200 Series, PDS-S, CI-400 Series, CL5200J Series, CL5500 Series(일반), AD PLUS, AN-4212S, AP PLUS Series, BCL-60L, BC-x00PA-EXR, BI-IIN Series, CASTON II PLUS-C Series, CASTON II PLUS-E Series, CASTON II(B) Series, CASTON III PLUS(B)-xx Series, CASTON-I, CC-ER Series, CD-3010A, CI-150A, CI-170A, CI-200A Series, CI-200AHFSxxx Series, CI-2000 Series, CI-400AL Series, CI-600A Series, CI-1500A, CI-1560A, CI-2001 Series, CL5500 Series(무선), CL3000 Series, CL5200 Series(무선), CL5200J Series(일반), CL5200 Series, CL5200N Series, CL5200 Series, CL5200J Series, CL7200 Series, CL7200 Series(무선), CL7200 Series(일반), CL8000 Series, CLM-xxx Series, CS-100, CS, CS0-1, CT100 Series, DB-1H PLUS(OMV4), DBI-C(OMV4), DBI-C Series(OMV4), DBI-E, DD, DD/SPS, DSB-D, EB Series, ED(OMV4), ER PLUS Series(OMV4), ER-JR Series(OMV4), FW500 Series, HC-D, HC-ER Series, HD, HDI, LP-1.6, LS Series, LS-D, LSS Series, MP Series, CPS PLUS, NI-200 Series, PB(OMV4), PB, PBI, PDC, PDI, PD-I Series, PD-II Series, PDN Series(무선), PDN Series(무선), PDS-E, PDS-H-M, PDS-E, PR-C, PRII Series, PVI-II(OMV4), RS9110-N-11-22, RW5000-P SW-1 PLUS Series(OMV4), SW-1WR / SW-TLR, SWI PLUS Series, SWI Series(LED), SWI Series(LED), THZ, TM, WBK-ER, WBK-xxD, AD, CI-600A/CI-600D Series, EXI-200AD Series, EXI-600AD Series, CI1 Series, CB(CBB,CI-100A/SPS series, CI-100A series, CCK-700 series, CL5500N Series, CLM-xxx



UL Certification
24 Products

Product List

LP-II, TP-1, PD-1, AP-1, LP-1000 60M, 30M, 15M, S-30, S-15, S-50C, S-25C, S-10C, 300AM, 150AM, 60AM, 250AC, 100AC, 50AC, 50Cs, 25Cs, 10CS, 5CS, 60D, 30D, 15D, 6D, LP-II, S-2000, S-2000-60, AP-1, CAS-100, LP-1000, PD-II, DB-II, LP-II, ER PLUS-xxC, ER PLUS-xxCP, ER PLUS-xxMCP, ER PLUS-xxCU, ER PLUS-xxCB, ER PLUS-xxCBP, ER PLUS-xxMCP, ER PLUS-xxCBU, ER PLUS-xxE, ER PLUS-xxEP, ER PLUS-xxMEP, ER PLUS-xxEU, ER PLUS-xxF, ER PLUS-xxFP, ER PLUS-xxFU (xx can be 06, 15 or 30), PD-II(6 kg), PD-II(6 kg), PD-IIR(6 kg), PD-II(15 kg), PD-II(15 kg), PD-IIR(15 kg), PD-II(30 kg), PD-II(30 kg), PD-IIR(30 kg), PD-II(60 kg), PD-II(60 kg), PD-IIR(60 kg), PR PLUS-XXB, PR PLUS-XXP (XX can be 06, 15, 30), CL5000J-C Series, CL5200 Series, CL5200 series, CL5200J series

Quality

Product production system of CAS is based on ISO9001 and ISO14001 certifications. CAS is the first Korean self-certification company and do European autonomous testing .. CAS has established and operated a systematic production process through a strict quality control system.





OUR BUSINESS

Sensor Solution

Industrial Weighing Solution

Laboratory Weighing Solution

Retail Weighing Solution

Measuring Instrument Solution

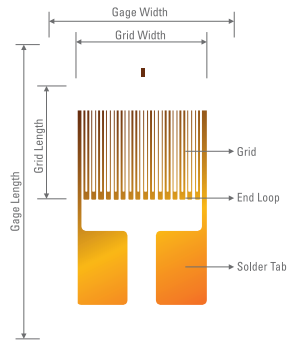
Health & Living Solution

Calibration Solution

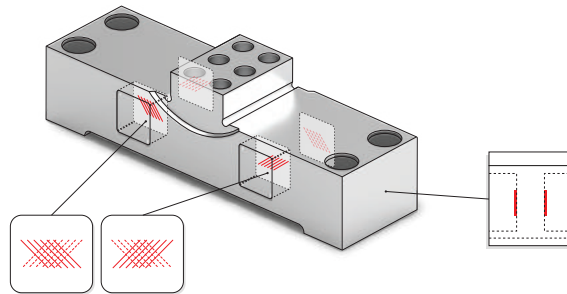
CAS CHEMICAL

Sensor Solution

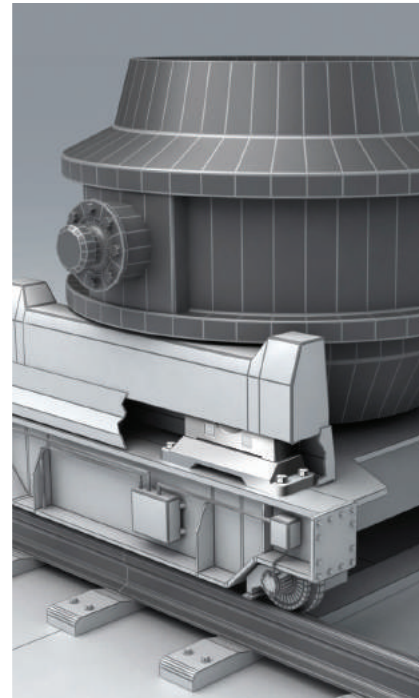
CAS is the only company in Korea with strain gauge and force sensor technology. CAS provides solutions optimized for industrial environments. Also, it is applied to industrial sites based on various force sensors (load cell, torque, etc.) and supports various sensor applications for smart factory such as explosion-proof measurement industry, precision metering industry, safety diagnosis of mechanical facilities, safety diagnosis in construction civil engineering, and quality control.



Strain Gauge



Load cell

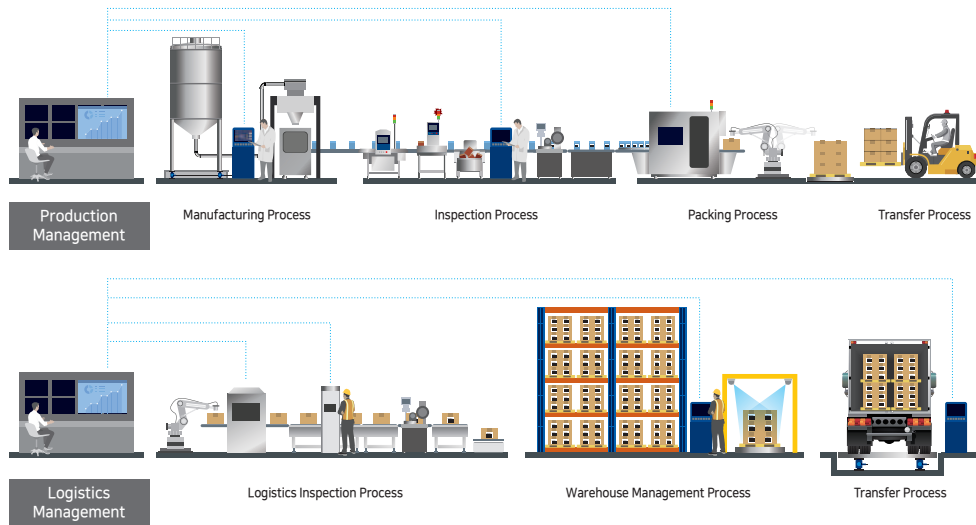


Explosion Proof Load cell Digital Load cell Noise resistance Load cell Single Point Load cell Single ended beam Load cell S-beam Load cell Disk type Load cell Double ended beam Load cell Canister Load cell Platform Load cell Special Load cell Weighing Controller



Industrial Weighing Solution

The ultimate goal of CAS is to realize the core values of the industrial system: efficiency and stability. We provide the systems needed for all industries from various manufacturing processes, line processes, packaging processes and logistics processes.



Counting Scale



Bench Scale



Portable Bench Scale



Platform Scale



Pallet Scale



Fork Lift Scale



Exp Mobile Weighing



Checkweigher



Metal Detector



Liquid Filling Machine



Auto Labeler



Packaging Machine



Laboratory Weighing Solution

CAS produces products that are highly skilled and highly qualified. CAS provides raw material mix and quality control solutions such as metering and counting measurement required by laboratories.



Micro Weighing Scale_MWII-H



Analytical Balance
CAT



Analytical Balance
CAU



Precision Balance
CBL



Precision Balance
CU



Precision Balance
CBX



Micro Weighing Scale
MWII-H



Micro Weighing Scale
MWIIN



Moisture Analyzer
XC63



Weight Sets



Retail Weighing Solution

CAS produces products that are highly skilled and highly qualified. CAS provides raw material mix and quality control solutions such as metering and counting measurement required by laboratories.



PC Based Scale_CL8000-U

PC Based Scale_CL8000-PCA



Label Printing Scale CL7200-D



Label Printing Scale CL3000-P



Basic Scale SW-II



Scanner-Ready Scale PDS-II



Price Computing Scale AP-1



Fruit Sorter FS-250



ECR Interface Scale PDN



Waterproof scale SWII-W



Scanner



Printer



Consumables Label, Ribbon



Measuring Instrument Solution

CAS Galileo, CAS's brand specializing in precision instruments, seeks comprehensive precision measurement solutions around the world. We are working with famous instrument brands around the world to provide convenience with more diverse products.



heidolph
research made easy
Rotary Evaporator/Voltex Mixer
(heidolph)



Rota-Rod/Tread Mill



Viscometer



Homomixer



Hotplate stirrer



Density Meter



UV-VIS Smart Spectrophotometer



Vision Measuring Machine



Residual Oxygen Meter



Dissolved Oxygen Meter



Thickness Gauge



Automatic SDI Tester



Water Quality meter



Thermal Imaging Camera



Health & Living Solution

CAS Health & Living is a brand that has essential household items for family health care and home environment. CAS Health & Living offers a variety of solutions for your healthy life.



KITCHEN APPLIANCES



MEDICAL

HEALTH



BEAUTY



BABY CARE

HOUSEHOLD APPLIANCES



Ultrasonic Washer



Air Duster & Vacuum Cleaner



8 Electrodes Body Fat Analyzer



Body Fat Analyzer



Kitchen scale



Thermo-Hygrometer



Timer



Thermometer



Wireless Iron



Food Processor



Toothbrush Sanitizer



Calibration Solution

CAS calibration solutions have calibration equipment with traceability of national standards and provide a wide range of calibration services with technical capabilities.



Total service solution that provides everything about the measurement and metering
National Accredited Calibration Institution CAS

CAS is a KOLAS certified calibration institution, officially designated as having calibration technology capability by an evaluator registered in accordance with the standards set by the International Standards (KS Q ISO/IEC 17025) and the Korea Laboratory Accreditation Scheme (KOLAS).



Calibration Equipment



Deadweight (300N)



Deadweight (1.5kN)



Force calibration machine (200kN)



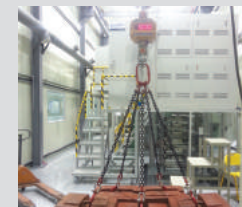
Deadweight (1-5kN)



Deadweight (250kN)



Deadweight (50kN)



Crane (7.5t)



CAS CHEMICAL [TTR/Label]

CAS Chemical is the only coating specializing company that uses Korean materials and Korean Technology. We have developed ink and back coating liquid ourselves and our technology has been accepted as the best. We minimize damage to the printer head through the technology and decrease cost and effort on replacing the head. We are also doing our best to maintain the best quality through print quality, durability, preventing static, printing speed, printer compatibility, and label adaptation value.



Thermal transfer printer, Printer head



Ribbon /Label / Sticker



Thermal Transfer Ribbon

- Standard Wax Ribbon for Flat Head
- Wax/Resin Ribbon for Flat Head
- Resin Ribbon for Flat Head
- Wax/Resin for Edge Head
- Resin for Edge Head
- Wash Care Resin Ribbon

Thermal Transfer Printer/Printer Head/Label Issuing Program





SYSTEM APPLICATION

OVERVIEW

SMART FACTORY SOLUTION

- Automatic Measuring System
- Powder Packaging System
- Liquid Filling System
- Tank, Hopper, & Silo Measuring System

SMART LOGISTICS SOLUTION

- Logistics Management System
- Smart Truck Scale System

SMART RETAIL SOLUTION

- Franchise Retail Market
- Self-scan/Check out Service

SMART FARM SOLUTION

SMART LABORATORY SOLUTION

SMART AIRPORT SOLUTION

MAJOR PARTNERS

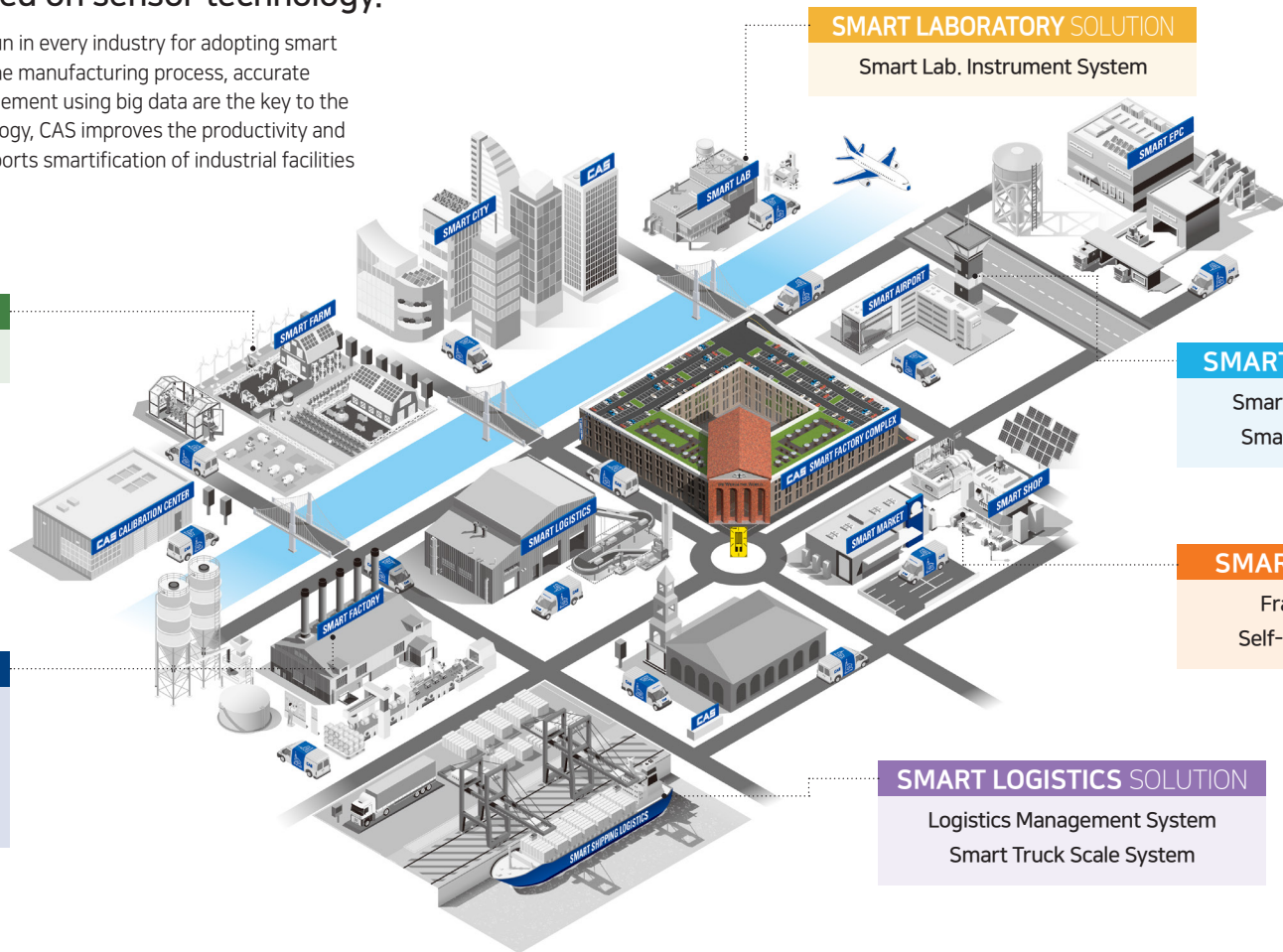


CAS makes a smart world based on sensor technology.

With the 4th Industrial Revolution, Change has begun in every industry for adopting smart factories to their facilities. In the smartification of the manufacturing process, accurate information collected by sensors, and record management using big data are the key to the smart factory. Based on high-quality sensor technology, CAS improves the productivity and quality of industrial facilities in the factory, and supports smartification of industrial facilities based on collecting real-time big data.

SMART FARM SOLUTION
Smart Farm System

SMART FACTORY SOLUTION
Automatic Measuring System
Powder Packaging System
Liquid Filling System
Tank, Hopper, & Silo Measuring System



SMART LABORATORY SOLUTION
Smart Lab. Instrument System

SMART AIRPORT SOLUTION
Smart BTU (Bagage Test Unit)
Smart Epidemic-prevention

SMART RETAIL SOLUTION
Franchise Retail Market
Self-scan/Check out Service

SMART LOGISTICS SOLUTION
Logistics Management System
Smart Truck Scale System



SMART FACTORY SOLUTION

AUTOMATIC MEASURING SYSTEM

The CAS automatic measuring system can be activated each process of weighing, counting, inspecting, packaging, and labeling from the entry of raw-materials to the shipment of products to shorten working hours and respond to manpower shortages. Moreover, it contributes to safety of the product by grasping the manufacturing history and distribution process of the product in real time.



Combination meter



Rotary Packaging machine



Packaging machine



Metal detector



Checkweigher



X-Ray



Rejector



Auto Labeler



ionizer



Automatic enclosure



Automatic sealer



Automatic wrapping machine



SMART FACTORY SOLUTION

POWDER PACKAGING SYSTEM

In the CAS powder packaging system, powdered materials such as flour, cement, fertilizer, feed, are placed in a predetermined packaging container, sealed, and quantitatively checked. It is a system that loads a predetermined amount on a pallet after inspecting foreign substances.



Silo



Bagging packer



Sealing machine



Metal detector



Checkweigher



X-Ray



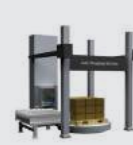
Rejector



Pallet feeder



Robot arm



Automatic wrapping machine



Fork lift scale



SMART FACTORY SOLUTION

LIQUID FILLING SYSTEM

CAS liquid filling system is a system that puts liquid substances such as water, beverages, oil, and chemicals in various containers, seals them, checks the quantity, goes through a test, and loads and releases a set amount on a pallet.



Silo



Liquid filling machine



Capping machine



Auto Labeler



Checkweigher



X-Ray



Rejector



Loading robot



Automatic sealer



Inkjet printing



Fork lift scale

Over view

Automatic Measuring

Powder Packaging

Liquid Filling

Silo Measuring

Logistics Management

Smart Truck Scale

Franchise Retail Market

Self-scan/Check out

Smart Farm

Smart Laboratory

Smart Airport

Major Partners



SMART FACTORY SOLUTION

TANK, HOPPER & SILO MEASURING SYSTEM

Industrial tank, hopper or Silo requires accurate weighing system to measure its content.

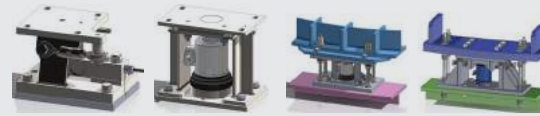
Effective measuring system can be established together with number of high-capacity load cell and precise measuring indicator. Moreover, based on user's environment, radioactive products and quake-proof designed measuring module provides safe measuring manage solution.



Silo



Explosion-proof Load cell



Order-made Load cell & Mount



Explosion-proof Indicator

Over view

Automatic Measuring

Powder Packaging

Liquid Filling

Silo Measuring

Logistics Management

Smart Truck Scale

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Major Partners



SMART LOGISTICS SOLUTION

LOGISTICS MANAGEMENT SYSTEM

CAS logistics management system controls weighing and measuring equipment using various sensors and PC. Various programs dedicated to working with partners by real-time logistics and inventory management efficiently operate a comprehensive solution.



Barcode Scanner



Logistics inspection system



Rejector



Auto Labeler



AGV



Palette scale



Cart scale



Printer



Platform scale



Scanner



Fork lift scale



SMART LOGISTICS SOLUTION

SMART TRUCK SCALE SYSTEM

CAS smart truck scale system monitors vehicles moving in and out of facilities managing waste disposal and resource flow at the same time. Unmanned operation ensures authenticity of measured information and provides user friendly expansion solution that is easy to expand to various ERP system.



Truck scale



Load cell



Indicator



Remote-display



Manless weighing system



Vehicle number recognition system



Parking breaker



CCTV



Signal lamp

Over view

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SMART RETAIL SOLUTION

FRANCHISE RETAIL MARKET

CAS smart retail solution is based on the cart type self scanner system which can provides complete and loss-free payment with a shopping list duple check over weight and camera. Various types of mart management system such as the headquarters integrated system of large distribution stores and each store unit system, can be customized and the vision of future distribution store is presented.



Self Check-out



POS scale



POS



Scanner scale



Self scale



Label printing scale



Scanner



Automatic packaging machine



Printer



Reusable scale



Consumables Label, Ribbon



SMART RETAIL SOLUTION

SUPER SMART SELF-SCAN /CHECK OUT SERVICE

CAS super smart self-check out service enables store entrance with mobile application or scanner.

Convenient payment service is provided with unmanned payment system in a flexible shopping area to consumers. Through consumption analysis data, smart store and stock management is possible for owner.



Smart Tray : Transfer and managing of product information, real-time monitoring of stock status





SMART FARM SOLUTION

SMART FARM SYSTEM

CAS smart farm system provides help for optimum growing atmosphere through collection of crop-based environment-data. Through this system, spontaneous control of room environment and managing crop related data is available anywhere you are. Moreover, badge weighing sensor compatible with cloud service further enhances productivity.



Badge management system



Disaster detecting drone



Truck scale



Cattle weigher



Crude-oil weigher



Automatic Ton-back scale



Color sorter



Crop packing machine



Checkweigher



Bench scale



Fruit sorter



SMART LABORATORY SOLUTION

SMART LAB. INSTRUMENT SYSTEM

CAS Smart Laboratory instrument system can build a perfect wireless system that directly transmits the output value of the measuring device as data based on excellent technology and various experimental equipment that have passed strict standard. CAS provide solutions optimized for raw material mixing and quality control in various industries, such as measuring and electrocial parts in laboratories.



DV-WORKS Software : connects to the viscometer to collect and manage measurement information Program



- 
Analytical Balance
- 
Moisture Analyzer
- 
Rotary Evaporator
- 
Homomixer
- 
Sample Dilution
- 
UV-VIS Smart Spectrophotometer
- 
Water bath Muffle furnace
- 
Autoclave
- 
Vortex Mixer
- 
IoT reagent cabinet Purifier
- 
Lab.Furniture
- 
QC manager



SMART AIRPORT SOLUTION

SMART AIRPORT SYSTEM

CAS smart BTU measures weight and volume of In-airport luggage and provides various services and advertisements respective to each airline company. Moreover, smart epidemic-prevention system pre-detect possible infector through checking on high-fever visitor, which allows virus-free smart airport.



Smart epidemic-prevention (Face recognition temperature deteing system)



Over view

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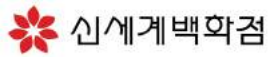
Smart Farm

Smart Laboratory

Smart Airport

Major Partners

Major Partners





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