



FUEL DISPENSING EQUIPMENT

Total Retail Solution

BEIJING SANKI PETROLEUM TECHNOLOGY CO., LTD

Add:19#,6th Boxing Road, Economic-Technological Development Area,Beijing,P.R.China 100176

business@sankichina.com 0086-10-52310741/730 www.sankichina.com

CONTENTS

- | | | | |
|-------|--|-------|---|
| 01-02 | About SANKI | 03-04 | SANKI Product Family |
| 05-08 | Forecourt Equipment
PRIME Fuel Dispenser | 09-12 | Forecourt Equipment
SkyLine Fuel Dispenser |
| 13-14 | Forecourt Equipment
VANTAGE Fuel Dispenser | 15-16 | Forecourt Equipment
CLASSIC Fuel Dispenser |
| 17-18 | Forecourt Equipment
ATOM Fuel Dispenser | 19-20 | Forecourt Equipment
AdBlue Dispenser |
| 21-22 | Forecourt Equipment
High Flow Fuel Dispenser | 23-24 | Forecourt Equipment
Gas Dispenser |
| 25-26 | Mobile Solution
Standby Fuel Station | 27-28 | Stationary Tank
Double Wall Tank |
| 29-30 | Tank Auxiliary
ATG/Leak Detection/Tank Calibration | 31-32 | Payment & Automation
Server/Cloud Based FMS |
| 33-34 | SANKI PAY
SANKI PAY | 35-36 | Core Components
Pump/Flowmeter/Calculator |
| 37 | Depot Equipment
Depot Loading/Blending | 38-39 | SANKI Products Configuration List
Product Specification |

ABOUT SANKI

FUEL GAS CHARGING INTEGRATED EQUIPMENT MANUFACTURER

Located in the Beijing Economic-Technological Development Area, Beijing Sanki Petroleum Technology Co.,Ltd is a service provider that provides comprehensive energy solutions to customers by focusing on the research and development of energy application scenarios such as oil, gas, electricity and hydrogen. The company's business focuses on various scenarios of energy end use, from planning and construction of energy consumption stations to equipment manufacturing, from installation and operation and maintenance to intelligent control and management, from construction of the entire station to value-added services, the company plows into the industry value chain, forming a one-stop industry solutions. SANKI has the core technology of refueling equipment and nearly 20 years of experience in the energy industry, the company's customers cover national oil companies and private energy stations in Asia, Europe, North America, Africa, Australia and other countries. From traditional energy to new energy, from equipment manufacturing to intelligent manufacturing and control, three surplus technology adhere to independent innovation, quality win, technical innovation to help upgrade the energy structure, is always committed to providing customers around the world with intelligent, safe, reliable, energy-saving integrated energy solutions.

SANKI has three production bases in Beijing Economic-Technological Development Area, Zhengzhou High-tech Development Zone and Henan Shangqiu Development Zone. The products include: oil, gas, electricity, hydrogen station program planning, hybrid energy station information system, hazardous occasion safety monitoring system, energy station skid-mounted equipment, new energy vehicle charging piles, tax-controlled fuel dispenser, CNG/LNG fuel dispenser, and automatic car washer.

SANKI

SANKI PRODUCT FAMILY

05-08
Forecourt Equipment
PRIME Fuel Dispenser

09-12
Forecourt Equipment
SkyLine Fuel Dispenser

13-14
Forecourt Equipment
VANTAGE Fuel Dispenser

15-16
Forecourt Equipment
CLASSIC Fuel Dispenser

17-18
Forecourt Equipment
ATOM Fuel Dispenser

19-20
Forecourt Equipment
AdBlue Dispenser

21-22
Forecourt Equipment
High Flow Fuel Dispenser

23-24
Forecourt Equipment
Gas Dispenser

25-26
Mobile Solution
Standby Fuel Station

27-28
Stationary Tank
Double Wall Tank

29-30
Tank Auxiliary
ATG/Leak Detection /Tank Calibration

31-32
Payment & Automation
Server/Cloud Based FMS

37
Depot Equipment
Depot Loading/Blending





PRIME SK-52

Features

- Modular designed platform
- H-frame based customized design
- 15 inch touch screen with multimedia and advertising
- Built-in promotional applications (sweepstakes, freebies and points for gifts)
- Multiple connectivity(CL,RS485, RJ45, LON)
- Multiple protocols supported
- SANKI Paykit module supports multiple payment methods (IC Card, Bank Card, RFID, NFC, QR Code, Mobile App)
- Support Integration of mainstream payment module
- Vapor recovery system with smart control
- Multiple product selections
- 2/4 fueling positions
- 2/4 hoses all-in-one design

Possible Use Scenario



Downtown Station



Show Case



High Through Put



Customer Attractive



Latest Technology



PRIME SK-56

Features

- Modular designed platform
- H-frame based customized design
- 15 inch touch screen with multimedia and advertising
- Built-in promotional applications (sweepstakes, freebies and points for gifts)
- Multiple connectivity(CL,RS485, RJ45, LON)
- Multiple protocols supported
- SANKI Paykit module supports multiple payment methods (IC Card, Bank Card, RFID, NFC, QR Code, Mobile App)
- Support integration of mainstream payment module
- Vapor recovery system with smart control
- Multiple product selections
- Multiple fueling positions
- 4/6/8 hoses





PRIME SK-56

Features

- Modular designed platform
- H-frame based customized design
- 15 inch touch screen with multimedia and advertising
- Built-in promotional applications (sweepstakes, freebies and points for gifts)
- Multiple connectivity(CL,RS485, RJ45, LON)
- Multiple protocols supported
- SANKI Paykit module supports multiple payment methods (IC Card, Bank Card, RFID, NFC, QR Code, Mobile App)
- Support Integration of mainstream payment module
- Vapor recovery system with smart control
- Multiple fueling positions
- Built-in hose retractor
- 4/6/8 hoses

Possible Use Scenario



Downtown Station



Show Case



High Through Put



Customer Attractive



Latest Technology



PRIME SK-65

Features

- Modular designed platform with ultra scalability
- L-frame based customized design
- 15 inch touch screen with multimedia and advertising
- Built-in promotional applications (sweepstakes, freebies and points for gifts)
- Multiple connectivity(CL,RS485, RJ45, LON)
- Multiple protocols supported
- SANKI Paykit Module Supports Multiple Payment Methods (IC Card, Bank Card, RFID, NFC, QR Code, Mobile App)
- Support Integration of mainstream payment module
- Vapor recovery system with smart control
- AdBlue/Super high flow supported
- Built-in hose retractor
- 4/6/8/10/12 hoses





SkyLine SK-56

Features

- AIoT Built-in Cloud Services
- AI Cloud Management
- Extra large top advertising light box
- 15 inch screen with multimedia and advertising
- Built-in promotional applications (sweepstakes, freebies and points for gifts)
- Multiple connectivity (CL, RS485, RJ45, LON)
- Multiple protocols supported
- SANKI Paykit module supports multiple payment methods (IC Card, Bank Card, RFID, NFC, QR Code, Mobile App)
- Support Integration of mainstream payment module
- Vapor recovery system with smart control
- Multiple fueling positions
- 4/6/8 hoses

Possible Use Scenario



Downtown Station



Show Case



High Through Put



Customer Attractive



Latest Technology



AIoT Cloud Service



Paykit Module



Mobile App Management



15 inch Advertisement Screen



Attractive Top Light Box
Optional Round Advertisement Screen



SkyLine



SkyLine SK-56V

Features

- Vending + Fueling combo fuel dispenser
- Ultra-bright industrial grade 43" touch screen
- AloT built-in cloud service
- AI cloud management
- Advertising and vending system with mobile app payment
- Built-in promotional applications (sweepstakes, freebies and points for gifts)
- Multiple connectivity(CL,RS485, RJ45, LON)
- Multiple protocols supported
- Vapor recovery system with smart control
- Multiple fueling positions
- Built-in hose retractor
- 4/6/8 hoses



SkyLine SK-36

Features

- AloT built-in cloud service
- AI cloud management
- H-frame based customized design
- Simple and reliable body
- 15 inch advertising light box
- Smart management by mobile APP
- Multiple connectivity(CL,RS485, RJ45, LON)
- Multiple protocols supported
- Built-in payment terminal(NFC/QR Code pay)
- Convenient installation and maintenance
- Vapor recovery system with smart control
- 1/2 hoses

Possible Use Scenario

- Downtown Station
- Show Case
- High Through Put
- Customer Attractive
- Latest Technology
- AloT Cloud Service





VANTAGE SK-56

Features

- 32 inch touch screen with friendly GUI
- Built-in promotional applications (sweepstakes, freebies and points for gifts)
- Multiple connectivity(CL,RS485, RJ45, LON)
- Multiple protocols supported
- Convenient self-service
- SANKI Paykit module supports multiple payment methods (IC Card, Bank Card, RFID, NFC, QR Code, Mobile App)
- Support Integration of mainstream payment module
- Vapor recovery system with smart control
- Voice communication assistant
- Customized features
- Multiple product selections
- 4/6/8 hoses

Possible Use Scenario



Downtown Station



Show Case



High Through Put



Customer Attractive



Latest Technology



VANTAGE SK-56

Features

- 100 inch Ultra-wide curved screen
- Built-in promotional applications (sweepstakes, freebies and points for gifts)
- Multiple connectivity(CL,RS485, RJ45, LON)
- Multiple protocols supported
- Convenient self-service
- SANKI Paykit module supports multiple payment methods (IC Card, Bank Card, RFID, NFC, QR Code, Mobile App)
- Support Integration of mainstream payment module
- Vapor recovery system with smart control
- Voice communication assistant
- Customized features
- Built-in hose retractor
- 4/6/8 hoses





Classic SK-52 (MJ)

Features

- Automatic lubricant blending
- 2 products
- Programmed ratio
- Convenient for motorcycles

Possible Use Scenarios



2 stokes motorcycles



Classic SK-52

Features

- High reliability and durability design
- 1/2 product selections
- 1/2 fueling positions
- High accuracy, OIML/MID certified
- Classic H-Frame design
- 1/2/4 hoses
- Side and Front oriented
- Standard/High/Super High flow rate
- Multiple connectivity(CL,RS485, RJ45, LON)
- Multiple options and customized features



Classic SK-56

Features

- High reliability and durability design
- Multiple product selections
- Multiple fueling positions
- High accuracy, OIML/MID certified
- Classic H-Frame design
- 4/6/8 hoses
- Standard and High flow rate
- Multiple connectivity(CL,RS485, RJ45, LON)
- Multiple options and customized features



Classic SK-65

Features

- High reliability and durability design
- Multiple product selections
- High accuracy, OIML/MID certified
- Classic L-Frame design
- 2/4/6/8 hoses
- Standard and High flow rate
- Multiple connectivity(CL,RS485, RJ45, LON)
- Multiple options and customized features



ATOM SK-10

Features

- EU compact design
- Monolit structure, flexible hose mast
- 1/2 product selections
- 1/2 fueling positions
- High accuracy, OIML/MID certified
- 1/2 hoses
- Standard/High/Super High flow rate
- Satellite support
- Multiple options and customized features
- Convenient installation and maintainance
- Small body, Big wisdom

Possible Use Scenario



Flexible Configuration



Big Truck Solution



Cost Effective



Fleet Management Support



Space Saving



Easy Operation



Features

- Designed for EU6 diesel engine
- Neutralize nitrogen oxidize
- Reduce nitrogen oxidize emissions
- Environmental Protection
- Optional configuration
 - AdBlue standalone
 - AdBlue/Standard flow diesel combination
 - AdBlue/Super High flow diesel combination

Specifications

AdBlue flow rate	35 LPM
Ambient temperature	-40°C~45°C
AdBlue pump Power	220V
AdBlue nozzle	Stainless steel 3/4"
Solenoid valve	Stainless steel 12/24V



PRIME AdBlue



Classic AdBlue



ATOM AdBlue



SK-High Flow

Features

- Ultra High flow rate 120/180/300/500/1000 LPM
- Overshoot prevention
- Accuracy $\pm 0.3\%$ with stability
- Optional IC/ID card function
- Heating option for -40°C working environment

Possible Use Scenario



Locomotives



Ship



Depot Loading



Ultra High Flow

500 LPM
1,000 LPM



Super High Flow

Single Hose
180 LPM



Super High Flow

Dual Hose
120 LPM



High Flow



CNG Dispenser

Features

- IC/ID card option
- Two side operated
- Preset and Fill up support
- Accurate flow meter
- Embedded ARM processor with high upgradability
- Enhanced anti-interference and anti-electrostatic
- Supports international standard IFSF protocol.
- Easy integrated with hybrid fuel stations



LNG Dispenser

Features

- IC/ID card option
- Two side operated
- Preset and Fill up support
- Accurate flow meter
- Embedded ARM processor with high upgradability
- Enhanced anti-interference and anti-electrostatic
- Supports international standard IFSF protocol.
- Easy integrated with hybrid fuel stations



Hydrogen Dispenser

Features

- IC/ID card option
- Imported original meters
- Breakaway/Emergency Switch
- Explosion-proof design, safe and stable working
- Auto power-off transaction protection
- Multiple protocols supported



LPG Dispenser

Features

- IC/ID card option
- Single/Dual hose option
- Built in gas separator
- Standard flow rate



SK-AdBlue Skid

AdBlue Mobile Station

Features

- Compact design for easy installation and maintenance
- Supports various AdBlue dispenser options
- Supports internal or external AdBlue dispenser
- Constant temperature function, optional air conditioner
- Equipped with upload pump system



SK-MS

Customized Mini Skid

Features

- Capacity from 1,000 to 15,000 liters
- Automation system with FMS / ATG
- Complete gas station functions
- UL 142 , UL 2085 Listed



SK-FS311

Mobile Fuel Skid 20ft/40ft

Features

- 1/2 product chambers
- 1/2 fuel dispensers
- UL 142 , UL 2085 Listed
- Capacity from 30,000 to 68,000 liters
- Anti-Corrosive Tank
- Empty Fuel Skid can be stacked
- Highly integrated design options
 - ATG
 - Fuel Management System
 - Generator
 - Loading pump
 - Pressure relieving device
 - Overfill prevention system
 - Multiple options and customized features





SF Double Wall Tank

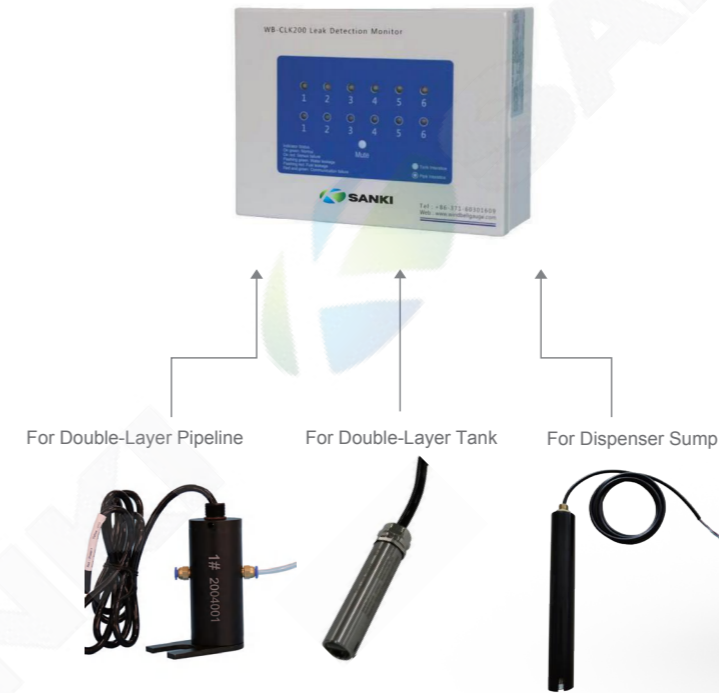
Features

- UL certificated
- Robot welding
- Automatic production line
- Leak detection system option



SINOPEC, CNPC, CNOOC and SINOCHEN





SK-SS200B ATG Smart Console

Features

- Monitor tank level and other parameters in real time
- 8 inch touch screen with friendly GUI
- Automatic alarm for abnormal conditions
- Support for International Units of Measurement
- Support multiple languages
- Integrated scheduling function
- Automatically generate delivery reports
- Programmable leak detection

Options

- Leak sensor
- SMS report function
- Support GPRS/LAN network and TCP/IP protocol

SK-SP300 ATG Magnetostrictive Probe

Features

- Real-time data transmission
- Measuring fuel level and water level simultaneously
- Five temperature sensors equipped
- Class 0 intrinsic safety
- Digital signal transition, high anti-interruption ability
- Stainless steel (316L) with customizable length
- High precision as 0.5mm and resolution as 0.01mm
- Maximum communication distance 1200m
- IP67 protection grade
- ATEX approved

SK-Leak Detection Optic Liquid Leak Sensor

Features

- Compact structure and artistic appearance
- Easy to install and maintain
- Explosion-proof design, safe and reliable
- Connectivity up to 12 sensors
- Support Float switch leak sensor
- Support switch volume leak sensor
- Support RS485 interface leak sensor
- Identify fuel and water leakage
- Leak sensor fault detection
- LED alarm indicators
- Connectivity with host computer
- Support to integrate with Tank Gauging system

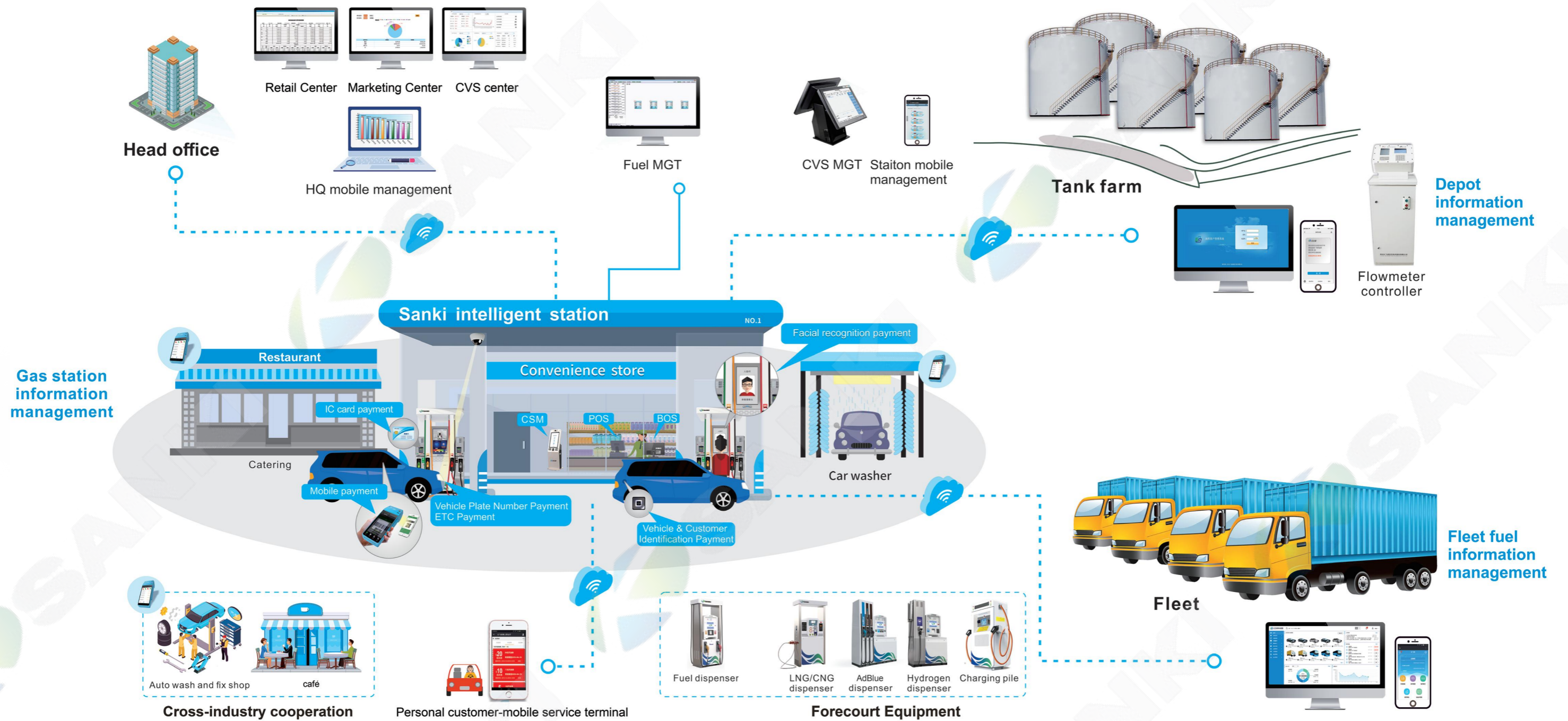
SK-TC Tank Calibration

Features

- Rapid calibration: Completed one tank in 2 hours
- Flowmeter accuracy 0.3%
- Calibration without waiting time
 - During loading work
 - During unloading work

Possible Use Scenarios





SK-FMS

Server/Cloud Based FMS

- Simple and practical design for convenient operation
- USB interface based communication control unit
- Easy installation and maintenance
- Tank gauge with real-time monitoring
- Automatic collection of shift information

Gas station management

- Pump & Tank real-time status monitoring, tank alarm
- Fueling transaction real-time reception and display
- Real-time total sales accounting for current shift
- Price adjustment
- Shift processing
- Sales details inquiry
- Operator sales statistics inquiry
- Delivery record inquiry

Retail center management

- Delivery management
- Sales management
- Inventory management
- Reports management
- Business analysis
- Sales plan management
- Price adjustment

Customer management

- User card management
- IC card making
- Secret key management
- Fleet customer management
- Reports management
- Inquiry & statistics

IC card online self-service

- Fueling bills self inquiry
- IC card information inquiry
- Suspend card online
- Password self changing



NFC Tap & Pay

- Tap and pay with customer cell phone
- Easy-to-operate handheld POS for attendant
- One handheld POS for multiple dispensers



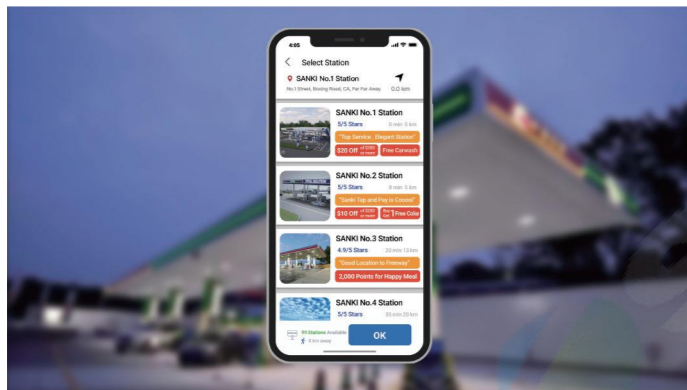
Card Pay

- Best choice for self-service
- EMV/Member Card supported
- Encrypted and Rapid Transaction Service



QR Code Pay

- Free App for customers
- Membership QR code is your wallet
- Transaction and membership message



OneStep Pay

- Station services All-in-One
- Services first, payment on departure
- Open to third party payment software



CyberPOS Pro

Features

Simple and Intelligent operation

- Support multiple payment methods to complete the transaction in one operation
- 20-minute learning curve gets new cashiers up and running faster
- Consistent GUI across multiple sites for maximum staffing flexibility
- Smart forecourt integration to quickly alert forecourt issues

Flexible and Diverse Sales systems

- Flexible membership discount options, including discounts by payment type, car wash, and loyalty-based discount
- Integrate with a variety of food service options, from pre-packaged food menus, self-ordering touchscreens and made-to-order options.
- Automatic calculation of the best deal price for an item, independent of the cashier

Smart and secure management.

- The searchable log records the cashier's keystrokes, which can be viewed and printed in the system.
- Cashier Over/Under report shows over/under cashier statistics for all cashiers
- The Remote Manager suite enables you to control, configure and monitor sites from any Internet-enabled device

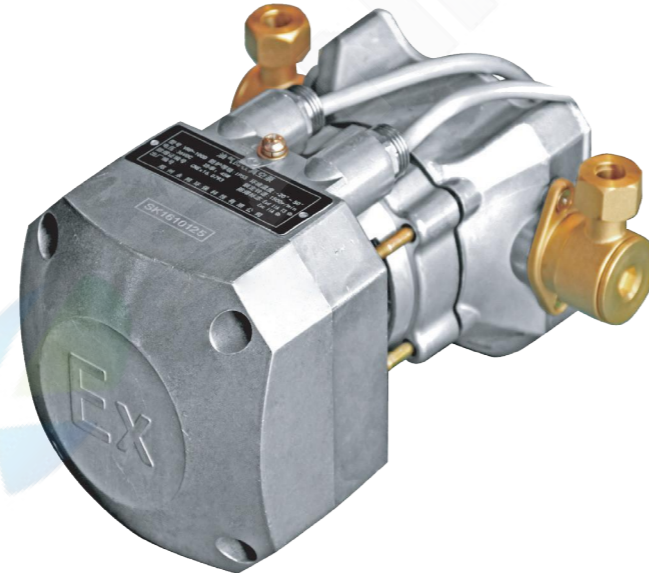
More partners More possibilities



↘
Vapor Recovery Vacuum Pump

Features

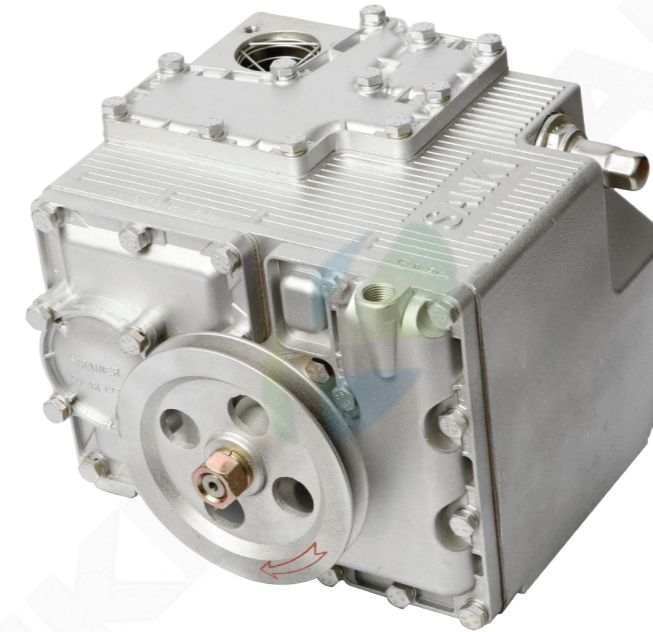
- Automatic rotating speed adjustment
- High accuracy Air/Liquid recovery ratio
- Inverter motor equipped
- Compact and isolation structure
- Anti-wear, long lifespan
- Explosion-proof certificate: Ex d II A T3 Gb/Ex C II Gb
- Protection class: IP55
- Ambient temperature: -40°C ~ 50°C
- Ambient pressure: 80kPa ~ 106kPa
- Maximum flow rate: 80LPM
- Maximum vacuum degree: 0.05MPa
- Voltage: 36V DC
- Power: 45W



↙
Gear Pump GP-50 Series

Features

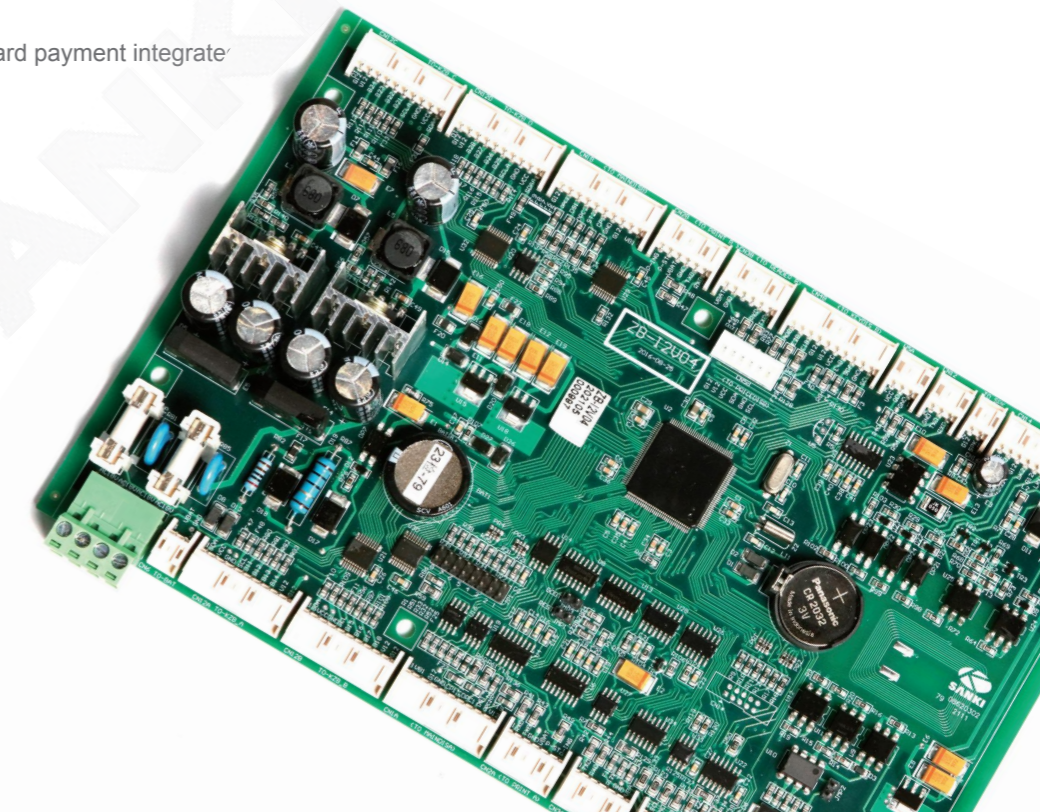
- Two stage filtering system
- Two stage gas /air separation
- Reliable and durable
- 12 million liter life cycle verified
- OIML approval and qualified certificated



↘
Electronic Calculator

Features

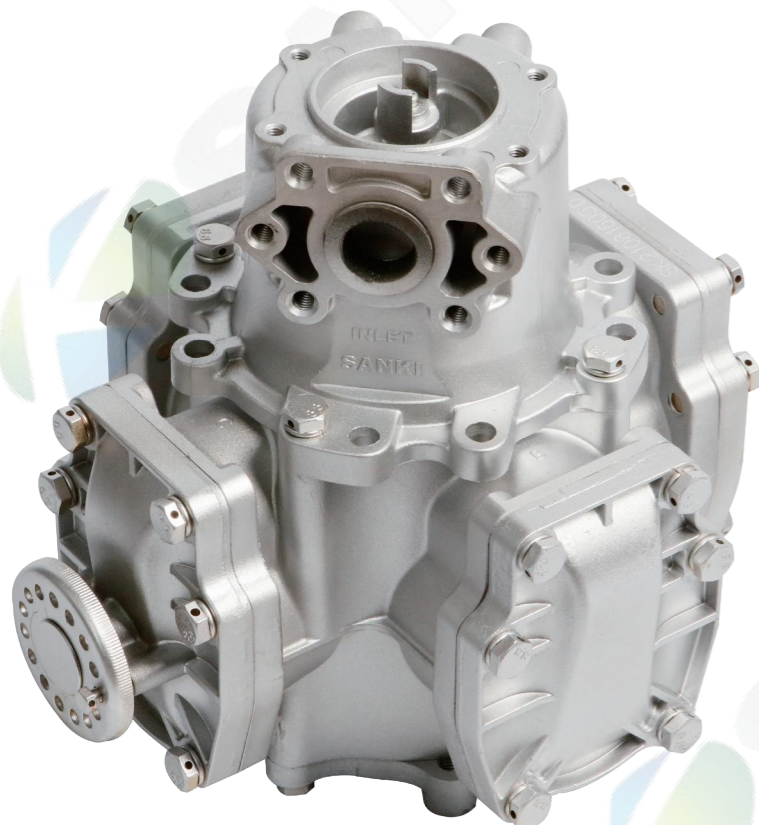
- ARM 32 bit CPU
- Dispenser measuring and IC card payment integrate
- FMEA analysis
- Industry level design
- Big memory
- High speed
- Flexible upgradeability



↙
Flow Meter FM-500 Series

Features

- Top-Inlet and Bottom Outlet Design
- Minimized inside leakage
- Pistons with anti-wearing material
- High Accuracy
- 12 million liters accuracy and life cycle test
- OIML approval and qualified certificated



Features

- Depot tanker loading quantitative delivering system
- Unique modular design
- Explosion-proof connector far site installation
- Reliable venting and filtering system
- Intelligent measuring control system
- Anti-static and prevent overflow

SK-AQCS-IIB

Skid-Mounted Depot Blending



SK-AQCS-I

Depot Top Loading



SANKI Products Configuration List



Series		ATOM	SkyLine	SkyLine	Classic	Classic	Classic	Classic	PRIME	PRIME	PRIME	PRIME	VANTAGE
Model	Suction	●	●	●	●	●	●	○	●	●	●	●	○
	Pressure	○	○	○	○	○	○	●	○	○	○	○	●
Products	Quantity	1/2	1/2	2/3/4	1/2	2/3/4	1/2/3/4	1	1/2	2/3/4	2/3/4	2/3/4/5	2/3/4
Extra Product Type	E85	○	○	○	○	○	○	—	○	○	○	○	○
	B20	○	○	○	○	○	○	—	○	○	○	○	○
	AdBlue	○	○	○	○	○	○	—	○	○	○	○	○
	Lubricant	—	—	—	—	—	—	—	—	—	—	—	—
Hose	Numbers	1/2	1/2/4	4/6/8	1/2/4	4/6/8	2/4/6/8	1/2	2/4	4/6/8	4/6/8	2/4/6/8/10	4/6/8
Flowrate	Standard	●	●	●	●	●	●	—	●	●	●	●	●
	High Flow	○	○	○	○	○	○	—	○	○	○	○	○
	Super High Flow	—	—	—	—	—	—	●	—	—	—	—	—
Hanging Hardware	Splash Guard	○	○	○	○	○	○	—	○	○	○	○	○
	Breakaway	●	○	●	○	●	●	—	●	●	●	●	●
	Swivel	○	○	●	○	○	○	—	●	●	●	●	●
	Hose retractor	—	—	—	—	—	—	—	—	—	○	○	●
	Hose Mast	●	—	—	—	—	—	—	—	—	—	—	—
	Flow Indicator	—	●	●	●	●	—	—	●	●	○	○	○
	Front oriented	—	○	●	○	●	●	—	●	●	●	●	●
	Side oriented	●	●	—	●	—	—	●	—	—	—	—	—
Display	765	●	●	●	●	●	●	●	●	●	●	●	●
	995	○	○	○	○	○	○	○	○	○	○	○	○
	Numbers	2/4	2/4	2/4	2/4	2/4/6	2	2	2/4	2/4	2/4	2/4	—
Power	110V	○	○	○	○	○	○	○	○	○	○	○	○
	220V	●	●	●	●	●	●	●	●	●	●	●	●
Keypad	Metal	○	●	●	●	●	○	●	●	●	●	●	—
	Plastic	○	○	○	○	○	○	○	○	○	○	○	—
Communication	Current Loop	●	●	●	●	●	●	●	●	●	●	●	●
	RS485	○	○	○	○	○	○	○	○	○	○	○	○
	RJ45	○	○	○	○	○	○	○	○	○	○	○	○
	LON	○	○	○	○	○	○	○	○	○	○	○	○
Security Transaction	Ecrypted-Display	○	○	○	○	○	○	○	○	○	○	○	○
	Ecryption-Pulser	○	○	○	○	○	○	○	○	○	○	○	○
	E-Lock/Seal	●	●	●	●	●	●	●	●	●	●	●	●
Others	Emergency Stop	●	●	●	●	●	●	●	●	●	●	●	●
	Buildin-Printer	○	○	○	○	○	○	○	○	○	○	○	○
	Heating system	○	○	○	○	○	○	○	○	○	○	○	○
Value adding & Intelligent Parts	Touch screen 15"	—	—	○	—	—	—	—	○	○	○	○	—
	Touch screen 32"	—	—	—	—	—	—	—	—	—	—	—	●
	Vapor recovery	○	○	○	○	○	○	—	○	○	○	○	○
	Voice Intercom	—	—	○	—	—	—	—	○	○	○	○	○
	Paykit	—	—	○	—	—	—	—	○	○	○	○	—
Facial recognition	—	—	○	—	—	—	—	○	○	○	○	○	
Dimension	LxWxH (mm)	780x474x1600	920x452x2196	1250x720x2380	920x452x2196	1250x620x2380	1850x660x1930	1035x545x1494	1050x520x2380	1250x720x2380	1250x720x2382	1996x600x2380	1250x720x2380
Package	LxWxH (mm)	880x520x1800	1150x490x2240	1330x900x2520	1150x490x2240	1392x800x2520	2076x766x2130	1250x590x1800	1250x620x2520	1330x900x2520	1330x900x2520	2076x766x2560	1330x900x2520
	40ft FCL Qty	58	48	21	48	22	16	29	38	21	21	16	21

● Default ○ Optional — Not Applicable

FUEL DISPENSING EQUIPMENT

TOTAL RETAIL SOLUTION



Technical Specifications

Accuracy	±0.25%
Flow rate	50,80,120,180,300,500,1000 LPM
Ambient temperature	-40°C~+55°C or -45°C~+55°C
Relative humidity	20%~95%
Unit noise rate	<70dB(A)
Inlet vacuum rate for suction pump	≥54kPa
Communication	RS 485 portor current loop

Power supply	110V/220V(-15%~+10%);(50/60±1)Hz
Digit of sale	0.00~99999.99
Digit of volume	0.00~9999.99
Digit of unit price	0.00~999.99
Totalizer of sale	0~42949672.95
Totalizer of volume	0~42949672.95



Global Partners Grow Together

