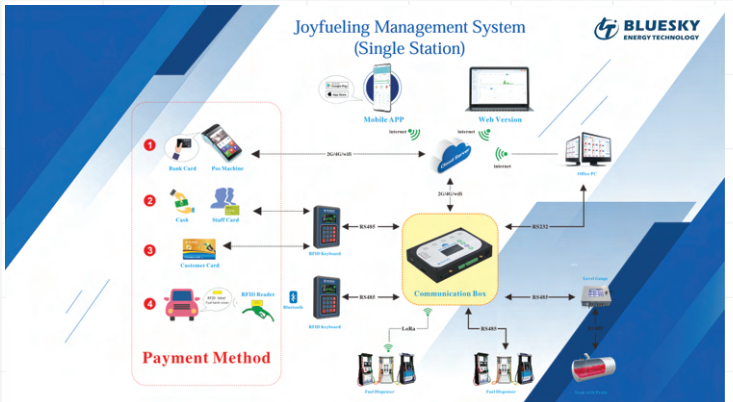


## LPG AUTO GAS STATION



We offer a complete solution of LPG Auto Gas Station equipment on turn-key basis. Our offer comprises the full range of equipment, consultancy, feasibility study, and necessary guidelines for the government approval of the project.

- Government Approvals
- Machinery Supply
- Installation & Commissioning
- LPG Supply
- Operation & Maintenance
- Spares



## STATION MANAGEMENT & REMOTE MONITORING SYSTEM

Fuel Station Management & Remote Monitoring System is designed to optimize the operations, security, and efficiency of fuel stations. By leveraging advanced technology, these systems provide real-time insights, automated processes, and enhanced security measures.

### Key Features and Benefits:

**Inventory Management:** Track fuel levels, monitor stock movements and prevent losses due to theft or spillage.

**Sales and Transaction Monitoring:** Record sales data, analyze customer behavior, and identify trends.

**Remote Control:** Manage operations from a centralized location, including dispensing pumps, security systems, and inventory control.

**Security Surveillance:** Monitor station premises, detect unauthorized access, and prevent theft.

**Data Analytics:** Gather and analyze data to optimize operations, identify cost-saving opportunities, and improve customer service.

**Compliance Management:** Ensure adherence to industry regulations and standards, such as environmental regulations and safety protocols.

## LPG STORAGE TANK

- ✓ Capacity: 5 MT ~ 150 MT
- ✓ Type: Underground/Mounded/Above ground
- ✓ Standard: BS EN 13445
- ✓ Design Pressure: 17 bar
- ✓ Test Pressure: 26 bar
- ✓ Design Temperature: -20°C to +60°C
- ✓ Approved by Explosive department
- ✓ ISO 9001:2015 Certified
- ✓ Design approved by BUET
- ✓ NDT (Ultrasonic Test) by Bureau Veritas
- ✓ Hydraulic test by Bureau Veritas
- ✓ Origin: Bangladesh
- ✓ Delivery: Ready Stock

## LPG DISPENSER



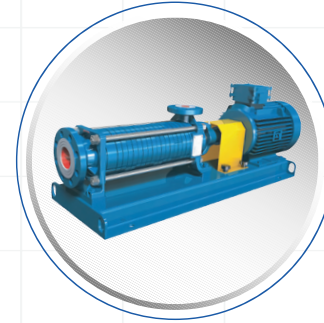
- ✓ Backlighted LCD displays.
- ✓ Keypad for Amount/Volume Preselection.
- ✓ ATC Sensor
- ✓ Double Nozzle
- ✓ Type: Mass Flow Meter/PD Meter
- ✓ Electronic and Electromechanical Totalizers for Each Nozzle.
- ✓ Good Looking
- ✓ Calibration Options: Electronic or Mechanic Calibration Options
- ✓ Flow Rate: Maximum 50 lt/min, minimum 5 lt/min
- ✓ Maximum Working Pressure: 25 Bar
- ✓ Power: 220VAC
- ✓ Ambient Temperature: -25 °C / +55°C
- ✓ Liquid Temperature: -20 °C / + 60 °C
- ✓ 0.5% fuel Metering Ratio and High Sensitivity
- ✓ MID and ATEX-Certificated Hydraulic Units

## LPG CONTROL PANEL



- ✓ Tank Level
- ✓ Control up to 2 pcs gas sensor
- ✓ 1pcs x Gas alarm output
- ✓ Control LPG pumps and dispensers based on tank levels
- ✓ Set alarm levels for low and high tank levels
- ✓ LCD Information Screen
- ✓ Realtime Clock
- ✓ IP55 or ATEX certified Ex proof enclosure
- ✓ Optional RS232 Communication output

## LPG PUMP



- ✓ Capacity: 100 LPM
- ✓ Head: 35 bars (Max.)
- ✓ Casing Pressure: 40 bar (Max.)
- ✓ Speed: 1750 RPM (Max.)
- ✓ Working Temperature: 120°C (Max.)
- ✓ Flange Connections: DN 65, DN 32, PN 40
- ✓ Temperature Range: -20 °C to +120 °C
- ✓ Flow Rate: 5.4 m3/h
- ✓ Type: Multistage/Turbine

## FUEL DISPENSER



- ✓ Accuracy:  $\pm 0.30\%$
- ✓ Repeating Accuracy:  $\leq 0.10\%$
- ✓ Flow Range: (5-55) L/min
- ✓ Maximum Head: 5m
- ✓ Inlet Vacuum: 254kPa
- ✓ Outlet Vacuum:  $\leq 0.3$ MPa
- ✓ Work Pressure:  $< 300$  kPa
- ✓ Noise:  $< 70$ dB(A class)
- ✓ Input Hose Diameter: 1.5"
- ✓ Oil Hose Diameter: 3/4"
- ✓ Motor Power: 0.75KW
- ✓ Ambient Temperature: -35°C-55°C
- ✓ Humidity:  $\leq 95\%$
- ✓ Atmospheric Pressure: 86kPa-106kPa
- ✓ Unit Price Range: 0-9999(664), 0-999999(886)
- ✓ Single Range: 1-9900.00(664), 1-999900.00(886)
- ✓ Accumulative Range: 0-9999999999.99
- ✓ Power(Optional): AC110V, AC220V, AC380V/(50-60)Hz
- ✓ EX Marking: Ex d ib mb IIB T3 Gb
- ✓ Ex Certificate No: CE14.5013

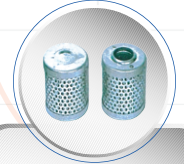
# ACCESSORIES



LPG-FILLING-NOZZLE ACME TYPE



LPG-FILLING-NOZZLE PRO TYPE



LPG DISPENSER FILTER



BYPASS VALVE



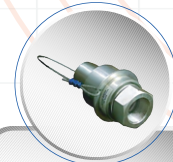
FILLING HEAD ACME TYPE



FILLING HEAD PRO TYPE



DIFFERENTIAL VALVE



BREAK AWAY VALVE



DISPENSER SEPARATOR

BSCIC I/A BARISHAL



## LPG TANK MANUFACTURING PLANT

### LPG PRESSURE VESSEL

**Tank Capacity:** 5MT ~ 150MT  
(10,000 ltr. to 3,00,000 ltr.)

**Type:** Aboveground, Underground & Mounded

**Tank Orientation:** Horizontal

**Standard:** EN-13445

### LPG AUTO TANK

**Tank Capacity:** 30 ltr. to 140 ltr.

**Type:** Cylindrical & Toroidal

**Standard:** BSEN-1442:2006



MEETING



ROLLING WORK



V-NOTCH CUTTING



Welding



UT TESTING

## OUR CONTACT

### Corporate Office

- SMET Services / Saad Motors Ltd  
2/2 Pallabi (5th Floor), Mirpur, Dhaka-1216
- Sale Support: 01765038392, 01704179393
- Customer Support: 01765038391, 01765038398
- After Sale Support: 01765038393, 01765038396  
01765038392
- smetservices@gmail.com
- www.smetservices.com

### Factory Office

- Saad Motors Ltd  
Plot: A-41, Kawnia, Barishal, Bangladesh
- 01704179369, 01704179361
- 01765038392
- smetservices@gmail.com
- www.smetservices.com

# FILLING STATION SOLUTION

(LPG, CNG, DIESEL, PETROL, OCTANE & EV CHARGING)



## OUR SPECIALITY

- ✓ Pioneer of LPG equipment supply in Bangladesh.
- ✓ Quick delivery, Installation and after sales support.
- ✓ Uninterrupted technical support by skilled manpower.
- ✓ Explosive license for manufacturing of LPG storage tank in Bangladesh.
- ✓ Specialized for project management of LPG Autogas stations.
- ✓ Successfully installed and commissioned more than 500 LPG Auto gas stations in all over the country.
- ✓ ISO 9001:2015 certified company for tank manufacturer in Bangladesh.
- ✓ Operation & maintenance support from all divisional/zonal office.
- ✓ Available ready stock of spare parts and machineries.
- ✓ Own LPG Distribution Systems.

## APPROVAL/CERTIFICATION/LICENSE



One Stop Engineering & Technology Services

[www.smetservices.com](http://www.smetservices.com)

## CONCERNS

