

Liberton Engineering Solution

Your Fueling Solutions



- Superior Design
- Classical Appearance
- Advanced Technology

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Liberton Engineering Solution

Liberton Engineering Solution, located in Mohammadpur, Dhaka-1207, Bangladesh, is one of the leading distributor of petroleum equipment for retail petroleum markets.

Liberton Engineering Solution is functional in the fuel dispenser industry since 2011. After 10 years of continuous hard work and dedication, Liberton Engineering Solution has been successful to establish a strong sales network throughout Bangladesh. Liberton Engineering Solution has a profound reputation for its product's industry leading quality and after sales services.

Liberton Engineering Solution believes in innovation, coping up with the ever changing nature of the industry. The R&D, production, sales and services and also the quality control sector are heavily focused on innovation. The Liberton Engineering Solution professional team works day and night to improve the after sales services.

Liberton Engineering Solution sells products of Eaglestar which imports key electronic components from USA and Japan maintain the quality of the product. The mechanical hydraulic system designed by Eaglestar team and produced by qualified OEM suppliers and the Eaglestar factory has also passed ISO9001 system. Eaglestar has also passed OIML testing and got approvals as well and also is in the process for ATEX.

Our goal: To provide maximum customer satisfaction by delivering industry leading products and services to the customers.

Our vision: To be one of the leading manufacturer for retail petroleum equipment and solutions in the south Asian market.

Approvals



DISPENSER

Product Name: EG3 Classical single or Dual pump and Dispenser

- EG3 is a symbol of elegance and performance. By providing industry leading products, we offer the best values to our customers.
- Hot sale EG3 is mostly welcomed by various customers throughout the world. Such as in large scale stations a city or small scale stations in rural areas, EG3 for single and dual hoses are both favorable choices for customers.
- The high quality steel cabinet protects your investment. The top branded electronic and mechanical parts make maintenance very affordable.
- Optional LED screen can be produced on the canopy to make advertisement of your fueling station and attract more customers.



Optional features

- Heavy duty: 70 liter per min.
- 7-7-5 LCD display (standard 6-6-4)
- S gear pump and S flow meter (small size)
- Built in printer for receipt
- Card reader for prepay petro card
- Single phase motor (standard 3 phase)
- Non resettable electromagnetic totalizer
- External reusable filter
- Submersible type
- Customized logo painting on front panel

Basic models and standard features:

- 1 hose 1 product, 2 hoses 1 product and 2 hoses 2 products
- Standard duty: 50 liter per min.
- Vane pump and 4-piston flow meter
- Emergency button stop
- Non resettable electromagnetic totalizer
- RS485 and current loop for POS communication



DISPENSER

Product Name: EG7 Self Service Fuel Dispenser

- EG7 is one new generation for self-service pump and dispenser. It can help the customers finish the fueling without getting off the car. The customers not only pay at different way rapidly, but also get the electronic invoice rapidly.
- The 15" colorful LED is the platform for advertisement promotion, various payment and electronic invoice. It is one exact terminal to realize all the self service functions at shortest time.
- The technological appearance represents the leading technologies utilization on retail petroleum equipment. The EG7 bring more values for the customers.



Optional features

- Built in printer for bill receipt.
- Card reader for prepay petro card
- 15" colorful LED
- Optional self service system on LED
- Customized logo painting on front panel

Basic models and standard features:

- Standard duty: 50 liter per min. Optional 70 liter per min.
- Vane pump, optional gear type pump.
- 4-piston flow meter
- 7-7-5 LCD display, 8-8-6 optional
- Suction or submersible type
- 380V or 220V explosion proof motor
- Emergency button stop
- Non resettable electromagnetic totalizer
- Rs485 and current loop for POS communication



DISPENSER

Product Name: EGX1 Fleet Dispenser for industrial customers

- The smart compact EGX1 is the best choice to industry costumers including bus companies, mining and transportation companies etc.
- Two kinds of flow rate (50 and 70 liter per min.) can fully meet the request of various customers.
- High quality electronic and mechanical parts are capable to deliver good performance in harsh environment.



Basic models and standard feature:

- 1 hose 1 product only
- Standard duty: 50 liter per min.
- Vane pump and 4-piston flow meter
- Hose holder

Optional features:

- Heavy duty: 70 liter per min.
- 7-7-5 LCD display (standard 6-6-4)
- S gear pump and S flow meter (small size)
- Built in printer for receipt
- Card reader for prepay petro card
- Single phase motor (standard 3 phase)
- Non resettable electromagnetic totalizer
- External reusable filter
- Submersible type
- Customized logo painting on front panel



* All of our dispenser comes with one year of service warranty.

MECHANICAL PARTS

NOZZLE

We offer a selective scope of - Automatic Nozzles to our customers.



SWIVEL

SWIVEL is fitted in a position between a dispensing nozzle and the dispenser hose.



HOSE

The explosion proof static free delivery hose are flexible and easily handled.



GEAR PUMP

Comparison with vane pump, GEAR PUMP has more virtual features. Strong suction power, high flow duty 50/80 liter per minute, two filters, all these can bring a better performance in the harshest conditions with a variety of fuel types.



FLOW METER

FLOW METER is paramount on fuel dispenser unit. Eaglestar flow meter is engineered to retain its precision over complete lifetime. The unique internal structure and high quality components keep very less drift in the lifetime of the meter.

ELECTRONIC PARTS

KEYPAD

The MEMBRANE KEYPAD is durable for long life time and it works well in harsh environment.



LCD DISPLAY

The LARGE LCD DISPLAY with character text font is excellent for visibility.



EXPLOSION PROOF PULSER

The EXPLOSION PROOF PULSER has unique features for anti-vibration, anti-fraud and anti-converse-running. This pulser is designed and made by China national institute to make sure of the high quality standard.



EXPLOSION PROOF SOLENOID VALVE

Solenoid valve is a key part to keep the accuracy for fuel dispenser unit. Eaglestar fuel dispenser only equip with top brand EXPLOSION PROOF SOLENOID VALVE in China.

EXPLOSION PROOF MOTOR

UL listed EX PROOF MOTOR offer the best performance. Overload protection is robust in various conditions. High quality capacitors allow the motor to start in lower voltage power supply. The stations have less maintenance for the motor.



AUTO TANK GAUGE - Smart Magnetostrictive Probe



Features:

- Latest magnetostrictive technology and digital electronic technology.
- High quality 316 stainless steel ensures longer lifetime for the probe, even in harshest environment.
- Five precise sensors ensure the accurate temperature measurement of oil product.
- Easy installation without maintenance.
- Used for gasoline, diesel, kerosene and other light oil.
- Available length is from 1m to 4m.

Technical Parameters:

- Power supply: DC24V ($\pm 10\%$), 40mA
- Precision $\pm 0.5\text{mm}$ • Repeatability $\pm 0.2\text{mm}$
- Resolution of product level: 0.01mm
- Resolution of water level: 0.01mm
- Resolution of temperature: 0.0625°C
- Temperature range: -40°C ~ 60°C
- Temperature points measured: 5
- Maximum communication distance: 500m
- Communication port: RS-485
- Mark of explosion proof: Exia II AT5 Ga
- Protection level: IP67
- Measured medium: Gasoline, kerosene, diesel, light oil
- Maximum measure length: 4500m
- Oil float kits: 2" Water float kits: 2"

AUTO TANK GAUGE EG800 Smart Console

*The solution to manage your Delivery,
Sales and Inventory in gas station!*



It can:

- Automatically monitor the oil level, water level, volume and temperature for the tanks.
- Automatically calculate the oil, water and empty tank's volume.
- Automatically create the shift report, delivery report, inventory and leak detection report.
- Automatically alarm for high, high-high and low, low-low level of oil and water.
- Automatically calibrate the tank volume (with back office management system).



**Customer
Satisfaction**



**Industry Leading
Product**



**Best Customer
Service**

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