

SPECIFICATIONS

FOR

FUEL DISPENSING PUMP – DIESEL

Dispenser to have the following features:

S. No	Item	Feature
1.	An electronic "head"	Contains an embedded computer to control the action of the pump, to drive the pump's displays and a mechanical section which (in a self-contained unit) has an electric motor, pumping unit, meters, pulsers and valves to physically pump and control the fuel flow
2.	Main switch	Pump on/off switch
3.	Electric power Supply	AC 230V±20% supply voltage and 50Hz.
4.	Explosion-Proof Motor Power	1,000 or 1,500W
5.	Pump	Belt driven gear pump with a volumetric flow rate of 81.4 liters per minute
6.	Automatic shut off nozzle	With free-flow handle clip
7.	Dispensing flow range	10 - 50 Liters per minute
8.	Dispensing Hose (Single)	Maximum Head of 5 Meters
9.	Internal Filters	No external filters
10.	Noise	≤ 70 dB (Class A)
11.	Inlet Vacuum	≥54kPa
12.	Outlet Vacuum	≤0.3MPa
13.	Work Pressure	<300kPa
14.	Atmospheric pressure	86kPa~106kPa
15.	Single Range (Liters)	0~999999.99
16.	Cumulative Range (Liters)	0~999999999.99
17.	Humidity	≤95%
18.	Ambient Temperature	
19.	Input Hose Diameter	38mm
20.	Output Hose Diameter	21mm
21.	Manual/ A Register reset	With a Digital Totalizer
22.	Hose joint swivels	Multi-plane, full 360° round rotation for easy movement of nozzle.
23.	Panels	Stainless steel tops and sides