

uestc NEW GENERATION LNG DISPENSER



Online Monitoring
& Diagnosis



Smart Refueling
System



User-Friendly
Informative Display

NEW GENERATION LNG DISPENSER



User-Friendly Informative Display

15" Sun-Light Protected 1200 NIT Screen

Step-by-step guidance to truck drivers to ease the LNG refueling process

+20 languages available

Driver fault prevention system



Smart Refueling System

High-Tech UESTCO Electronic Board Design

Intelligent algorithm for absolute control on refueling process

Auto-stop mode when tank is fully loaded

Filling option for Volvo trucks



Online Monitoring and Diagnosis

Online monitoring all diagnosis via ModBus

System pre-cautions against possible gas leaks, hose break-off and pressure imbalances.

① Fueling and Vent Nozzles

② Filling and Vent Line Breakaway Couplings

③ Easy Access Control Buttons

④ Sunlight Readable Display with User Friendly Interface and Instructions

⑤ MID Approved Flowmeter, valves, transmitters and pipings



TECHNICAL INFO

Dimensions	H:230 x W:155 x D:75 cm	Base Dimensions	755 x 1305 mm
Operating flowrate	Min 15, Max 90 kg/min	Ambient temperature	-10/to +40 °C (optional -25/-40 °C)
Operating pressure	Min 3, Max 22 bar	Conformity	ATEX, PED, MID
Operating temperature	Min. -196, Max. -108°C	Input voltage	AC 220V
Operating density	Min 310, Max 850 kg/m³	Built-in gas detector	YES
Accuracy class	<%1,5	Safety relay system	YES
Minimum measured quantity	15 kg /min	Communications	RS485 MODBUS RTU
Mech. And Electromech. Class	M2, E2	Viscosity	Up to 1200 mPa.s

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