

## **EAST-MAN** 12V DC Tanker Truck Digital Fuel Dispensing Unit

*EMDU-BT-20*



### **Key Features:**

- Accuracy  $\pm 0.1\%$
- Current Reading: 999999.99
- Repeatability 0.02%
- Accumulative Reading: 9999999
- PRESET by PRICE or VOLUME
- Enter VEHICLE NO. in Print Receipt
- 12V DC Supply for Electronic Controller
- 12V DC Electric Transfer Dual Pump IP55
- Flow Rate: 1-40LPM
- Easy ON/OFF
- Calibration Available
- Weather Proof & Lockable Enclosure
- Instant Receipt/Ticket Printer
- EAST-MAN Flow Meter Size 1" Inlet 1" Outlet
- Metallic Functional Keypad
- Solenoid Valve, Pulsar
- Electronic Controller Kit with PRESET & 3-Display LCD
- Non-Reversible LCD Totaliser (7 digit)
- Self-Retractable Hose Reel with 10m x 3/4" Hose
- Nozzle Boot
- Auto shut Nozzle 1" with Swivel Joint

## About the Product

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*EAST-MAN* 12VDC Battery Operated Fuel Dispensing Unit is a self contained, demountable fuel dispensing unit which has been designed to meet the needs of fuel distributors who's customers require 'Accurate Metered' deliveries of fuel into plant equipment, building sites, mining sites, generators, boats, green houses etc. Electronic Kit & Hose Reel fitted in Lockable Box.

The compact unit comprises an 12V DC battery operated electric transfer pump, meter and hose reel which, when required, can quickly be mounted in the back of a van, pick-up or drop side truck together with an IBC or small demountable tank and deployed for delivery.

A 12V battery, which can be trickle charged from the vehicle charging system, provides power for the 40 LPM electric pump unit, which pumps the fuel to the meter, is controlled by the Electronic Controller which is installed in the Panel of the Unit.

Product quantity is accurately measured by a Legal Metrology India approved EAST-MAN flow meter which is fitted with an inlet strainer, air eliminator and NRV .

Product is dispensed through the standard 10m x 20mm delivery hose wound on the Self-retractable Hose Reel which terminates with a 1" dispensing Auto Shut Off Nozzle and is stowed neatly on a Nozzle Boot.

### ***EASTERN AUTOMOTIVE MACHINE TOOLS PVT. LTD.***

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## Features

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### The Electronics

- *3-Display LCD*
- *Multi Functional Keyboard*
- *Instant Ticket Printer*
- *The last 10 sales records are query-able.*
- *The dispenser is Pin lockable when not in use.*
- *Shift total is both query able and clearable.*
- *The Start button can be disabled when required.*
- *Can change the Unit Price.*
- *LCD Totaliser for total reading which is non resettable.*
- *Error code: The keyboard would show error codes when dispenser doesn't work well.*
- *Printer, the title of which is settable. You can change the title into the name of your company name.*
- *PRESET: You can refuel with a PRESET VOLUME or PRICE. And there is a shortcut, batch buttons on the keyboard. After a button is set as a value, it refuels by this value automatically when you press the button.*
- *All operations can be done through Keypad.*
- *Can Enter the Vehicle Number (last 4 digits) in Print Receipt.*



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*For Continuous Development & Improvement, the Right is reserved to vary and modify any*

*specification without any prior Notice.*

## Flow Meter

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Product quantity is accurately measured by a Legal Metrology India approved *EAST-MAN* flow meter which is fitted with an inlet strainer, air eliminator and NRV .



*EAST-MAN* Petroleum Metering Unit (Liquid Flow Meter) are positive displacement, reciprocating piston type Meters, designed for high sustained accuracy and continues volumetric measurement of any non corrosive liquid flowing through a pipeline. Especially suited to check the exact receipt, transfer, consumption, dispensing, mixing, packaging of oil/liquids. This unit is widely adaptable to other various types of services. It will not freeze or get air locked to and does not require more attention than any other ordinary type of meter or equipment.

Advanced manufacturing techniques, dimensional accuracy, rigid C.I. body, low noise, cost effective and foremost indigenously built make *EAST-MAN* petroleum metering unit exceptionally reliable.

## Transfer Pump

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Fuel vane pumps. Displacement, rotary vane pumps for transferring diesel fuel, characterised by high flow rates. available in 12V.



Vane Pump with rotor. By-pass valve incorporated into the pump body. Working Cycle 30 minutes. Integrated ON/OFF Switch. Flanged valve connections.

## Nozzle

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Small, trim, light weight, easy and convenient to use. Accurate flow control allows customers to fuel their tanks to the exact quantity they want, and its easy to stop liquid flow precisely. Auto shut Nozzles help in increasing Productivity, sales and profits.



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## Technical Specifications

Model	EMDU-BT-20
Applicative Range	Diesel, Kerosene, Non-Corrosive Petroleum Liquid
Flow Rate	1-40 LPM
Accuracy	0.1%
Inlet	1"
Outlet	1" Auto Shut Nozzle
Totaliser	9999999 (Non-Reversible LCD Totaliser)
Suction/Lift	Self-Priming
Pump	Vane type Bi-Pump with built in By-Pass Valve
Hose Reel	Self-Retractable 3/4" X 10mtr
Strainer	Yes
Max. pressure	50 PSI
Max Temp	80 deg C
Meter	Reciprocating Type PD
Display	Electronic 3-Display LCD (999999.99)
Calibration	Yes
Hose	10m x 3/4" Standard
Least Count	10ml

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