Bernet High Flow Rate Efficient Double Nozzle Fuel Dispenser with Breakaway Valve

Our Product Introduction

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Basic Information

- Place of Origin: Anhui;China
- Brand Name: Bernet
- Certification: ISO9001,ATEX,UL,MID,OIML
- Model Number: BNT50T
- Minimum Order Quantity: 1
- Price: USD $1,600.00-2,200.00
- Packaging Details: 1Pcs per Carton
- Delivery Time: 7-30days
- Payment Terms: T/T,L/C,D/A,D/P,Western Union,MoneyGram
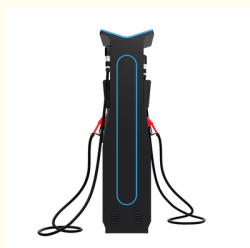- Supply Ability: 500 Pieces per Month

Product Specification

- Material: Metal
- Operation Mode: Normal
- Customized Support: ODM;OEM
- Flow Rate: 45-80L/Min
- Ambient Temperature: -40ºC~+50ºC
- Nozzle: 2-4 Nozzle
- Motor: 110V/220V/380V
- Pump: Self-priming
- Transport Package: 1 PCS Per Carton
- HS Code: 84131100
- Highlight: **Breakaway Valve Fuel Dispenser**, **Efficient Double Nozzle Fuel Dispenser**, **High Flow Rate Fuel Dispenser**

More Images

Product Description

Product Description

BERNET Fuel Dispensers are high-end equipment designed for diverse fuel dispensing scenarios. Leveraging years of industry expertise, they prioritize **modular customization** to meet global clients' personalized needs.

Our

I. Core Product Features

1. **Flexible Configuration & Multi-Nozzle Support**

BERNET dispensers support dual or quad-nozzle setups, enabling simultaneous dispensing of **four fuel types** (e.g., gasoline, diesel, kerosene, biofuels) via independent pipelines and metering systems. The modular design allows customization of exterior (e.g., gantry-style or side-mounted nozzle configurations) and internal hardware to suit gas stations, transport hubs, or municipal facilities.

2. **High Safety & Certification Compliance**

Certified under **ISO9001**, the equipment incorporates multi-layered safety mechanisms:

○ **Breakaway Valves & Safety Valves**: Automatically shut off fuel flow during hose detachment or pressure overload.

○ **Explosion-Proof Electrical Systems**: Comply with international standards, operable in extreme temperatures (-40°C to +55°C).

○ **Anti-Tampering & Data Encryption**: Features hardware-unique serial numbers and real-time verification, meeting China's 2024 GB/T 9081-2023 electronic safety standards.

3. **Diverse Pump Options & Global Voltage Compatibility**

Offers gear pumps, vane pumps, or submersible pumps for varying flow rates. Motors support 220V/380V and 50Hz/60Hz standards, compatible with grids in the Middle East, Europe, and beyond.

II. Standard Technical Specifications

- **Metering Performance**: Flow rate 20-200 L/min, accuracy ±0.3%, minimum measured volume 20L, totalizer capacity up to 99,999,999.99 liters.
- **Environmental Adaptability**: Operating temperature -40°C to +55°C, humidity ≤95%, noise ≤75dB.
- **Data Management**: Stores tax data for 7+ years, supports IC cards, mobile payments, and e-invoicing.
- **Structural Design**: IP54 protection rating, corrosion-resistant materials (e.g., vapor separators, encoders) for extended durability.

III. Regional Market Adaptability

Tailored optimizations for diverse markets include:

- **Heat & Dust Resistance**: Enhanced cooling and sealing for desert climates (daily temperatures exceeding 45°C).
- **Multilingual Interface & Localized Support**: Multi-language UI and rapid after-sales service networks.
- **Eco-Compliance**: Integrated vapor recovery systems with air-to-liquid ratios meeting national standards to minimize emissions.

Product Parameters

Features	Flowrate Options	Standard Flow (Gasoline/Diesel)	High Flow (Diesel)
	Delivery speed	40-50 L/ Min'(Simultaneous fueling : 35 L /min	70-80L/ Min'(Simultaneous fueling : 40 L/min)
	Market Availability	Middle East, Africa & South East Asia	Middle East, Africa & South Asia
	Approvals	ATEX, MID, OIML,SONCAP	
	Fuel Compatibility	Up to 10% Ethanol content & 5% Biodiesel content	
	Max Number of Fuel Grades / Meters	2 Grades / 4 Meters	
	Hose Management	Easy Hose with Non-obstructing Money Volume Display View	
	Pump Stop (option)	√	√
	Noise Level - 65dB (Suction Model)	√	√
Hydraulics Options	Metering Unit	Bernet piston Meter with improved e-Calibration	Bernet piston Meter with improved e-Calibration
	Pulsar	Option (Secure pulsar with lift-off detection)	Option (Secure pulsar with detection)
	Motor (Suction Model)	Standard: 1phase, 220-240 Vac | option : 3 Phase, 380 - 440 Vac	Standard: 1 phase, 220-24 option : 3 Phase, 380 - 44
	Pump Filter Type	Standard: Washable | Option: Replaceable	Standard: Washable | Opti Replaceable
	Meter Filter Type	Standard: Washable | Option: Replaceable	Standard: Washable | Opti Replaceable
	Pumping Unit	Standard:Vane Option: Gear	Standard: Vane | Option: G
	Display Technology	High Contrast LCD Display with direct sunlight readability	High Contrast LCD Displa direct sunlight readability
Electronic Options	Display Size	Money :8 digits with floating decimals (99,999,999) 40 mm height	888888.88
		Volume :8digits with floating decimals (9,999,999), 40 mm height	

		PpU : 6 digits with foating decimals (999,999), 25 mm height/option: 5 digits with foating decimals (999,999), 25 mm height	
	Keypad	Film keypad/option:stainless steel keypad	Film keypad/option:Stainle Steel keypad
	PoS Connectivity	Bernet Wire Protocol | option: IFSF Protocol	
	Electronics Power Supply	Single Phase, Standard: 90 Vac - 260Vac | Option: 90 Vac - 380Vac	
	Totalizer (Cumulative & Daily)	12 Digits (99gg99999.999)	
	Ticket Printer (Option)	√	√
	Motor Over-voltage Protection	√	√
	Electronically Adjustable Flow rate (Option)	√	√
	Electro mechanical Totalizer (Option)	Enhanced Security EMT | 7 digit Totalizer (9999999) with 1 Liter resolution	

COMPANY PROFILE

Anhui Bernet intelligent Technology Co,Ltd is a high-tech enterprise focusing on the R&D, production,sales and service of petroleum machine, LPG and DEF dispenser, industrial and commercial energy storage device and other energy power equipment, The main products include Tank truck accessories, fuel dispenser,LPG and DEF dispenser, petroleum machinery accessories,with small industrial and commercial energy storage system,EV charging pile, etc. And provide a complete set of cloud management system services, for gas stations, smart system for all fueling monitor and phone app.

Since its establishment in 2009, the company has always focused on the energy field, adhering to market demand orientation and technological innovation as the driving force for enterprise development, it has cultivated a professional R&D team with rich R&D experience and strong independent innovation ability, and is one of the few enterprises in the industry that master multiple independent core technologies, The company's products have been certified and tested by multiple national authoritative certification agencies, and have been sold in bulk to over 150 countries and regions worldwide.

In the future, Bernet Energy will adhere to the mission of "energy improves life"based on the new energy equipment business, accelerate new business in the field of new energy and power conversion technology, continuously meet customer needs, actively participate in global competition, and strive to build the company into a trust worthy world-class enterprise.

FAQ

1. who are we?

We are located in Anhui, China, started from 2009,selling to Africa(50.00%),Asia countries(20.00%),Mid East(20.00%),South America(10.00%). There are total about 51-100 people in our company.

2. how can we guarantee quality?

100% testing before delivery.

3.what can you buy from us?

fuel dispenser,LPG dispenser, adblue dispenser, spare parts for dispensers ,tank truck parts,industry fueling machine, petrole machine.

4. why should you buy from us not from other suppliers?

1:we do tooling ourselves

2:we do casting ourselves

3: we do CNC matching ourselves

4:we have professional R&D team

5: we have professional engineer both on mechanical and electronic

6: 100% testing with professional device.

5. what services can we provide?

Accepted Delivery Terms: FOB,CFR,CIF;

Accepted Payment Currency:USD,EUR and customer local money;

Accepted Payment Type: T/T,L/C,Western Union,Cash;

Language Spoken:English,Chinese,Arabic.