



FUEL DISPENSER

CERTIFICATE OF CONFORMITY

www.Arabia-lub.com



Arabia Company for Oil
Equipment & Engine Oils Import

+ KT-FDA112

FUEL DISPENSER

● Model

★ KT-FDA 112, KT-FDA 112H

★ 1 Product, 1 Nozzle,
1 Flowmeter,
1 Keypad, 2 Displays

● Packing Size

★ 1 060*480*1 765mm

(Length*Thickness*Height)

★ 48 Sets in one 40 ft container



+ KT-FDA224

FUEL DISPENSER

● Model

★ KT-FDA224, KT-FDA224H

★ 2 Products, 2 Nozzles,
2 Flowmeters,
2 Keypad, 4 Displays

● Packing Size

★ 1 150*480*1 765mm

(Length*Thickness*Height)

★ 48 Sets in one 40 ft container

+ KT-FDB112

FUEL DISPENSER

● Model

★ KT-FDB 112, KT-FDB 112H

★ 1 Product, 1 Nozzle,
1 Flowmeter,
1 Keypad, 2 Displays

● Packing Size

★ 1100*525*1620mm

(Length*Thickness*Height)

★ 44 Sets in one 40 ft container



+ KT-FDB224

FUEL DISPENSER

● Model

★ H-FDB224, H-FDB224H

★ 2 Products, 2 Nozzles,
2 Flowmeters,
2 Keypad, 4 Displays

● Packing Size

★ 1100*550*1620mm

(Length*Thickness*Height)

★ 44 Sets in one 40 ft container

S 20 Series Electronic Totalizer

Technical Specifications

- ★ Power: 220V ± 30% or 380V ± 30%
- ★ Environmental Condition: -40°C ~ +55°C
- ★ 6 digits volume, 6 digits sale, 4 digits price
(8 digits volume, 8 digits sale, 6 digits for option)
- ★ Link to micro-printer available
- ★ Keep the total records available over 10 years in case of power-off
- ★ CE listed, Anti-explosion Mark: EXIBIIAT4, Anti-explosion license: CE01207
- ★ Big LCD screen and bright backlight, 1.2" LCD (1.7" LCD for option)
- ★ Electronic totals: 99999999.99 mechanical totals: 99999999
- ★ Interface wiring pulse output wiring



Functions

If need the configuration of printer, please add postfix "P" advisement driver, postfix "L" adapter, "R" Take S20-G/P/L/R for example, it contains printer, ad driver and adapter.

- ★ Setting unit price
- ★ Presetting the sale or volume
- ★ Rounding sales figures during filling from keypad
- ★ Check last 10 times sales records
- ★ Check accumulative shifts and totals
- ★ Delete last accumulative total
- ★ Display last sale when power is off
- ★ Extensive anti-interference performance;
- ★ High lightningproof;
- ★ Integrated construe easy to installation;
- ★ Function-mode: all models of fuel dispenser access to same components;
- ★ Built-in printer interface;
- ★ Built-in communicating mode: available to connect with managerial system of IFSF International standard or Hongyang communication protocol, so that it realize concentrative management among fuel dispensers and save cost;
- ★ Customer self-conducted program upgrading;
- ★ Support function to diagnose failure of memory, sensor and solenoid valve.

Packing

- ★ Net weight: 6kg/case of 1set
- ★ Gross weight: 6.5kg/case of 1set
- ★ Dimensions: 425 × 255 × 230mm/case of 1set

Product ID	Power	Including	Machine type/application
S20-A	220V	1 main board/1 power board/1 SSR/1 transformer/1 keypad/2 displays	1 product/1 flowmeter/1 nozzle
S20-B	380V	1 main board/1 power board/1 SSR/1 transformer/1 keypad/2 displays	1 product/1 flowmeter/1 nozzle
S20-C	220V	1 main board/1 power board/1 SSR/1 transformer/2 keypads/2 displays	1 product/1 flowmeter/2 nozzles
S20-D	380V	1 main board/1 power board/1 SSR/1 transformer/2 keypads/2 displays	1 product/1 flowmeter/2 nozzles
S20-E	220V	1 main board/1 power board/1 SSR/1 transformer/2 keypads/2 displays	1 product/2 flowmeters/2 nozzles
S20-F	380V	1 main board/1 power board/1 SSR/1 transformer/2 keypads/2 displays	1 product/2 flowmeters/2 nozzles
S20-G	220V	1 main board/1 power board/2 SSR/1 transformer/2 keypad/2 displays	2 product/2 flowmeter/2 nozzle
S20-H	380V	1 main board/1 power board/2 SSR/1 transformer/2 keypad/2 displays	2 product/2 flowmeter/2 nozzle

U203-Z Display

Features

- ★ 8 digits volume, 8 digits sale, 6 digits price
- ★ Backlight: white
- ★ Current: 500mA
- ★ Word Color: Black
- ★ Dynamic LCD



U204-X2 Keypad

Technical Specifications

- ★ Adopt ITO material, water-proof design
- ★ Oil-proof, ultraviolet-ray-proof
- ★ Application for all series except of B series
- ★ 4 digits LCD
- ★ Weight: 230g



U206-A Micro Switch

Features

- ★ Water-proof design
- ★ Inflaming retarding cable
- ★ touch type



U206-B Sensor Switch

Features

- ★ touchless type
- ★ dust-proof, water-proof
- ★ easy maintenance
- ★ act normally in all environment against any interference



U207 Transformer

Features

- ★ quality silicon steel
- ★ excellent non-conductive voltage
- ★ the presetting wattage excess
- ★ Weight: 1.70kg each
- ★ Model descriptions
- U207-A 220V
- U207-B 380V



U209-A Electro-Mechanical Totalizer

Features

- ★ Power: DC12V
- ★ Total: 7 digits
- ★ Weight: 200g each



U209-B LCD Digital Totalizer

Features

- ★ 8 digits
- ★ LCD adopted
- ★ real-time communication with e-counter
- ★ high capacity battery
- ★ Weight: 160g each



U215-A Micro-Printer

Technical Specifications

- ★ Dimension: 85 × 85 × 50 mm;
- ★ Insert depth: 48mm;
- ★ Max. paper diameter: 30mm.
- ★ thermal type
- ★ self-check action



U401-A/B Solenoid Valve

Technical Specifications

- ★ Power: AC220 V, 2 × 4W
- ★ Diamter: 3/4" or 1"
- ★ Current: big flow valve 18mA, small flow valve 18mA
- ★ Allowed flow rate: 65L/min/90L/min
- max flow rate: 65L/min/90L/min, mini flow rate: 5L/min.
- ★ Working pressure: 0.035-0.035MPa
- ★ Environmental Condition: -40°C~+70°C



OTHER TYPE
AVAILABLE



Material

- ★ Body: Brass

Approval

- ★ Anti-Explosion mark EX m II A T4,

Packing

- U401-A
- ★ Weight: 1.4kg case of 1
- ★ Dimension: 120 × 106 × 76mm/case of 1

- U401-B
- ★ Weight: 2.1kg case of 1
- ★ Dimension: 130 × 116 × 80mm/case of 1

U501-C Pulsar

Technical Specifications

- ★ Power: DC5V
- ★ Current: standard 10 to 30mA, max 90mA
- ★ Numer of pulses: 60ppr or 100ppr
- ★ Output signal: square wave duty cycle 50% ± 10%
- ★ Phase shift: 2 channels 90 (25% ± 5%)
- ★ Output current: Max. 30mA
- ★ Output freq. min. 1000Hz
- ★ Environmental Condition: -40°C~+70°C
- ★ Speed: max 600rpm
- ★ Mounting: with 4 pcs. M4 screws
- ★ Suit for the U101-B flowmeter



Material

- ★ Body: Die Cast Aluminum Alloy

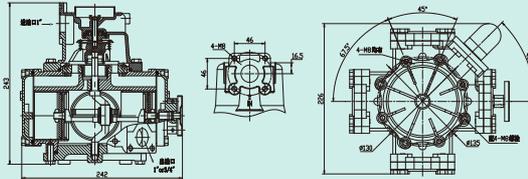
Approval

- ★ CE listed, Anti-Explosion mark EX d II A T3,

Packing

- ★ Weight: 250g/case of 1
- ★ Dimension: 130 × 100 × 15mm/case of 1

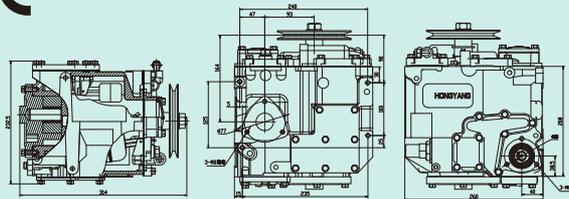
U 101-B Flowmeter



Technical Specifications

- ★ Discharge rate of each revolution: 0.5L
- ★ Flow rate range: 5L~90L/min
- ★ Minimum adjusted quantity: 0.05%
- ★ Working pressure: 0.12Mpa~0.3Mpa
- ★ Accuracy: $\pm 0.2\%$
- ★ Repeat error: $\leq \pm 0.1\%$
- ★ Environmental condition: $-40^{\circ}\text{C} \sim 70^{\circ}\text{C}$

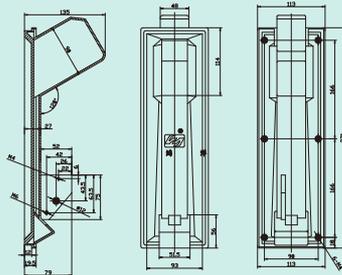
U 102-B Gear Pump



Technical Specifications:

- ★ Power: 750~1000W
- ★ Flow rate: 45~90L/min
- ★ Rotary speed: 630~730rpm
- ★ Noise: $\leq 68\text{dB}$
- ★ Vacuum: $\geq 0.054\text{Mpa}$
- ★ Pressure drop: 0.12~0.25Mpa
- ★ Air separation ability: 20%

U105-C/D Nozzle Boot



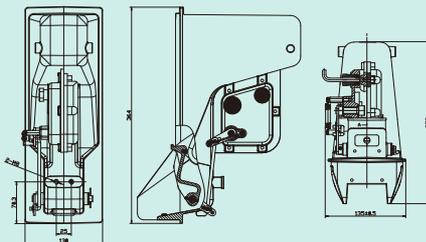
Ordering Specifications

Product ID	
U105-C	Nozzle Boot
U105-D	Nozzle Boot with switch

Packing

- ★ Net Weight: 1.1kg/case of 1
- ★ Gross Weight: 1.2kg/case of 1
- ★ Dimension: 89x77x410mm/case of 1
- ★ Application for: C, D, H, T, E, B, P series

U105-G/H Nozzle Boot



Ordering Specifications

Product ID	
U105-G	Nozzle Boot
U105-H	Nozzle Boot with switch

Packing

- ★ Net Weight: 1.1kg/case of 1
- ★ Gross Weight: 1.2kg/case of 1
- ★ Dimension: 89x77x410mm/case of 1
- ★ Application for: Except S series

U406 Breakaway Valve

Technical Specifications

- ★ Pull force—the U406 will break away with a pull force of 250 lbs ± 0.5% (3/4"), with a pull force of 300 lbs ± 0.5% (1").
- ★ Certainty of operation—designed to be replaced after separation,
- ★ instead of reassembled, to protect against reassembly errors.
- ★ Unique double-poppet design—features low pressure drop.
- ★ Flow rate: 0–60L/Min (3/4") 0–90L/Min (1")
- ★ Working pressure: 0.18Mpa

Materials

- ★ Body: Aluminum
- ★ Main Seals: Viton

Packing

- ★ Weight: 26kg/case of 100
- ★ Dimension: 268 × 480 × 260mm/case of 100



Ordering Specifications

Product ID	Connection Thread	Outlet
U406-A	NPT 3/4"	NPT 3/4"
U406-B	BSPT 3/4"	BSPT 3/4"
U406-C	NPT 1"	NPT 1"
U406-D	BSPT 1"	BSPT 1"

U407 Angle Check Valve

Features

- ★ U407 features a spring-loaded poppet and Buna-N discs to assist, Keeping the valve closed when installing in high-vibration areas
- ★ The Angle Check Valves are recommended for use on suction lines where the pressure does not exceed 34 ft of head. (approx 15 psi.)



Ordering Specifications

Product ID	Connection Thread	Outlet
U407-A	NPT 1.5"	NPT 1.5"
U407-B	NPT 2"	BST 1.5"
U407-C	BSPT 2"	NPT 2"
U407-D	BSPT 2"	BSPT 2"

U 602-F Oil Indicator

Features

- ★ Designed to watch the oil inside of pipe
- ★ Its inlet and outlet shape an angle as 90°, which can meet different requirements.
- ★ Inlet: female, Outlet: male

Materials

- ★ Body: Iron
- ★ Viewing glass: Toughened glass

Packing

- ★ Weight: 34kg/case of 30
- ★ Dimension: 37 × 24 × 20cm /case of 30



Ordering Specifications

Product ID	Connection Thread	Outlet
U602-A/B	NPT 3/4"	NPT/BSPT 3/4"
U602-D/E	NPT 3/4"	NPT/BSPT 1"
U602-F/G	BSPT 3/4"	NPT/BSPT 3/4"
U602-I/J	BSPT 3/4"	NPT/BSPT 1"

U403 Emergency Shut-off Valve

Technical Specifications

- ★ Flow rate: 0–120L/m
- ★ Working pressure: 0.2Mpa
- ★ Valve closing speed: 0.5s
- ★ Lowest shut-off temperature: 75°C
- ★ Environmental condition: -30~+55°C

Materials

- ★ Body: cast iron (Spray-painted)
- ★ Surface: electronic Nickel plated
- ★ Seal: Buna-N O-ring

Packing

- ★ Weight: 20kg/case of 6
- ★ Dimension: 375 × 135 × 390mm/case of 6



Ordering Specifications

Inlet	BSPT or NPT,	1 1/2" or 2"
Outlet	BSPT or NPT,	1 1/2"
Poppet Valve	Single or double	
U403-A	Single valve	
U403-B	Double valve	

U404 Foot Valve

Technical Specifications

- ★ Valve close speed: 0.5s
- ★ Operating temperature range: -30°C~+55°C

Materials

- ★ Body: Brass
- ★ Valve: Brass
- ★ Seals: Buna-N/Viton

Packing

- ★ Weight: 20kg/case of 6
- ★ Dimension: 375 × 135 × 390mm/case of 6



Ordering Specifications

Product ID	Connection Thread	Poppet Configuration	Weight
U404-A	NPT 1 1/2"	Double	1.6kg
U404-B	BSPT 1 1/2"	Double	2.4kg
U404-C	NPT 2"	Double	4.1kg
U404-D	BSPT 2"	Double	5kg

U314 Automatic Nozzle

Technical Specifications

- ★ U314-A/B/C/D flow rate: 0–45L/m (13/16")
- ★ U314-E/F/G/H flow rate: 0–70L/m (15/16")
- ★ Working pressure: 0.18Mpa

Material

- ★ Body: Aluminum

Packing

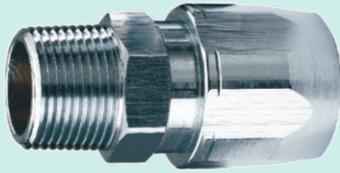
- ★ Weight: 22kg/case of 15
- ★ Dimension: 550 × 340 × 425mm/case of 15

Color of insulator

- ★ Red/Green/Blue/Yellow/Black



U604 Hose Coupling



U605 Hose Coupling



U606 Hose Coupling



U607 Hose Coupling



U608 Swivel



U609 Swivel



U 612-A Flexible Pipe

Features

- ★ Working Pressure: <math><0.6\text{MPa}</math>
- ★ Diameter: 1.5"

Materials

- ★ Body: SUS304

Packing

- ★ Weight: 37kg/case of 200
- ★ Dimension: 23 x 23 x 34cm/case of 200

Length

- ★ 170mm
- ★ specified



U613-B EX Terminal Box

Features

- ★ high performance of explosion-proof
- ★ facilitate for wire connection
- ★ standby port of Rs232 from main board
- ★ application for 220V and 380V voltage



U 701-B Anti-Explosion Motor



Technical Specifications

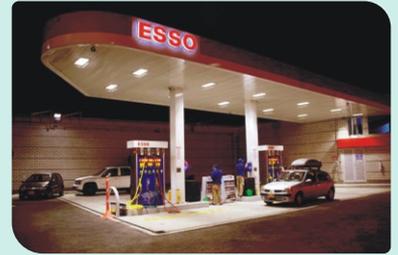
- ★ Voltage: 380V 50Hz, three phase.
- ★ Power: 750W(1HP)/1KW
- ★ RPM: 1390r/min
- ★ FLA: 1.76A, Locked current: 12.3A
- ★ Rated torque: 5.03N.m, Max torque: 18.4N.m, Locked torque: 17.1N.m
- ★ KVA code: K, Termo-Protector: Y
- ★ Environmental condition: -40°C ~+55°C

Approval

- ★ Anti-Explosion mark: EX d II A T3

Packing

- ★ Weight: 10.5kg/case of 1
- ★ Dimension: 425 x 255 x 230mm/case of 1
- ★ U701-B 380v/50HZ 0.75KW
- ★ U701-B2 380v/50HZ 1KW





F U E L D I S P E N S E R



**Distributor: Arabia Company for Oil
Equipment & Engine Oils Import**

Address: Tripoli Libya
Telephone: 00218912159229/00218925159229

