



Fuel System International

Performance First

ADBLUE SERIES

FUEL SYSTEM INTERNATIONAL



AS A FUEL EQUIPMENT SOLUTION PROVIDER

Fuel System International is a global leader in fuel dispensers and fuel management systems. With over 30 years of experience, we have the knowledge and expertise to provide the best solutions for your fuel dispensing needs. Our state-of-the-art manufacturing facility allows us to provide the highest quality products, and our professional team ensures the best customer service. With export to over 14+ countries we have proudly served more than 1000+ happy customers and have installed over 10000+ systems worldwide.

QUICK FACTS



YEARS IN BUSINESS

30+



GLOBAL REACH

14+ Countries



SELLING POINTS

2000

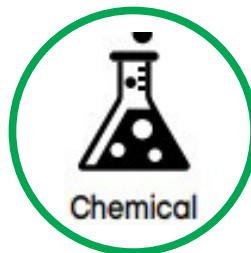
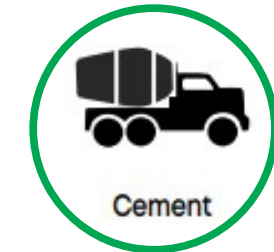
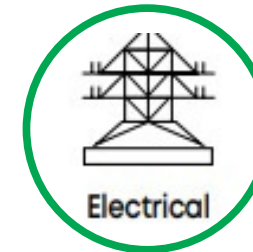
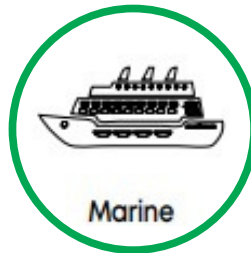
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SKU'S



1400+

INDUSTRIES WE SERVE





Quality Assurance Statement

The satisfaction of all customers is the fundamental principle of the FSI corporate philosophy.

FSI stands committed to the quality of its products and service with the assurance of complete back-up support.

With a wide range of products, prompt service and vast experience, FSI remains dedicated to the customer.

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ADBLUE SERIES



A compact & convenient system designed for all stationary DEF/AdBlue refilling applications

Complete system consists of:

Continuous Duty Diaphragm Pump FSI Diaphragm pump with an internal bypass valve is equipped with a self ventilated motor with thermal overload protection. This makes it suitable for continuous usage in AC operations.

Triple Display Preset Meter Electronic meter having ability to preset unit and price with +/- 0.3 % accuracy

DEF/ ADBLUE Control Nozzle – Automatic FSI Dual mode nozzle - Manual & Automatic. Sensor in the discharge spout outlet automatically shuts off supply when def level in the tank reaches the discharge spout.

Printer Inbuilt printer helps to allow keep printed records of AdBlue/ Urea/ Def dispensed

DEF Hose 6m (10.5') x 1" (ID) long antistatic DEF hose

Hose Hanger Nozzle Holder In-built into the metal casing for keeping hose safe when not in use All encased in a sturdy weather-proof cabinet

Features:

- Low running cost, compact size and flexibility
- The combination pump and easy maintenance
- Flow meter have high precision, long life and reliability
- Good electromagnetic compatibility and interference
- It can display volume, amount and unit price
- It can be rationed by liter and amount.
- The refilling data is displayed on the LCD clearly
- It is designed for private DEF/ AdBlue dispenser
- Max flow: 65L/Min Inbuilt printer



SPECIFICATIONS:

Model	AdBlue Dispenser With Printer
Voltage	AC 220V/ 50 Hz
Flow Range	10-65 L/min
Accuracy	(+/-) 0.3%
Inlet/Outlet	3/4"-1"
Auto Cut Nozzle	3/4"
Delivery Hose	4m
Suction Hose	2m
Liquids Type	ADBLUE/ DEF/ UREA/ WATER

Flow rate:
Upto 65 LPM

Fluids:
DEF, Water, Urea,
AdBlue

Meter accuracy:
+/- 0.3 %



Catalogue number:
TSDD/PR/ADN/220/TW
TSDD/PR/ADN/12/TW



A compact & convenient system designed for all stationary DEF/AdBlue refilling applications

Extremely versatile, the bowser can be installed directly on a wall, on an existing structure with screws or directly on a tote tank

Complete system consists of:

Continuous Duty Diaphragm Pump FSI Diaphragm pump with an internal bypass valve is equipped with a self ventilated motor with thermal overload protection. This makes it suitable for continuous usage in AC operations.

Triple Display Preset Meter Electronic meter having ability to preset unit and price with +/- 0.3 % accuracy

Def Control Nozzle – Automatic FSI Dual mode nozzle - Manual & Automatic. Sensor in the discharge spout outlet automatically shuts off supply when fuel level in the tank reaches the discharge spout.

Printer Inbuilt printer helps to allow keep printed records of AdBlue/ Urea/ Def dispensed

DEF Hose 6m (10.5') x 1" (ID) long antistatic DEF hose

Nozzle Holder In-built into the metal casing for keeping hose safe when not in use All encased in a sturdy weather-proof cabinet.

Features:

- Small size, light weight, easy to move
- Low running cost, compact size and flexibility
- The combination pump and easy maintenance
- Flow meter have high precision, long life and reliability
- Good electromagnetic compatibility and interference
- It can display volume, amount and unit price
- It can be rationed by liter and amount.
- The refueling data is displayed on the LCD clearly
- It is designed for private DEF/ AdBlue dispenser
- Max flow: 65L/Min
- This type combined by Nozzle, Display, Keyboard Inbuilt printer



SPECIFICATIONS:

Model	AdBlue Dispenser With Printer
Voltage	AC 220V/ 50 Hz
Flow Range	10-65 L/min
Accuracy	(+/-) 0.3%
Inlet/Outlet	3/4"-1"
Auto Cut Nozzle	3/4"
Delivery Hose	4m
Suction Hose	2m
Liquids Type	ADBLUE/ DEF/ UREA/ WATER

Flow rate:
Upto 65
LPM

Fluids:
DEF, Water,
Urea

Meter accuracy:
+/- 0.3 %

Catalogue number:
TSDD/PR/ADN/220
TSDD/PR/ADN/12

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MINI ADBLUE DISPENSER

MAD

A compact & convenient system designed for all stationary DEF/AdBlue refilling applications

Complete system consists of:

Continuous Duty Diaphragm Pump FSI Diaphragm pump with an internal bypass valve is equipped with a self ventilated motor with thermal overload protection. This makes it suitable for continuous usage in AC operations.

Single Display Preset Meter Electronic meter having ability to preset unit and price with +/- 1% accuracy

DEF/ ADBLUE Control Nozzle – Automatic FSI Dual mode nozzle - Manual & Automatic. Sensor in the discharge spout outlet automatically shuts off supply when def level in the tank reaches the discharge spout.

Printer Inbuilt printer helps to allow keep printed records of AdBlue/ Urea/ Def dispensed

DEF Hose 4m long antistatic DEF hose

Features:

- Low running cost, compact size and flexibility
- The combination pump and easy maintenance
- Flow meter have high precision, long life and reliability
- Good electromagnetic compatibility and interference
- It can display volume, amount and unit price
- It can be rationed by liter and amount.
- The refilling data is displayed on the LCD clearly
- It is designed for private DEF/ AdBlue dispenser
- Max flow: 40L/Min Inbuilt printer



SPECIFICATIONS:

Model	Mini Adblue Dispenser
Voltage	220V AC
Flow Range	35-40 LPM
Accuracy	(+/-) 1%
Inlet/ Outlet	1"-3/4"
Delivery Hose	4m
Suction Hose	1.5m
Liquids Type	AdBlue, Urea, DEF, Water

Flow rate:
Upto 40 LPM

Fluids:
DEF, Water, Urea,
AdBlue

Meter accuracy:
+/- 1 %



Catalogue number:
MAD/PR/AN/220

DEF - Diesel Exhaust Fluid is a mixture of high purity synthetic automotive grade urea & de-ionised water. It is used in SCR (Selective Catalytic Reduction) system on diesel engines to reduce emissions Designed to transfer DEF from a Drum/ Tote to smaller container/engines etc.

DEF transfer system consists of :

DEF Transfer Pump · 220V AC Diaphragm pump with lightweight non-corroding polypropylene body.

DEF Digital Meter · Battery operated digital meter for use with DEF & water based media. Polyamide body & sealed electronic card makes it suitable for use in all sorts of weather conditions · Measures in Litres, Quarts, Pints & Gallons.

Inlet Hose · Special EPDM inlet hose connecting the Drum/Tote opening to the pump inlet respectively.

Suction Hose · Special EPDM suction hose.

Discharge Hose · 20' special EPDM hose connecting the pump meter outlet to the dispensing nozzle.

Connecting adaptor g. Auto Shut Off DEF Nozzle · Sensor built into the discharge spout automatically shuts off the supply once fluid level in the Drum/Tote reaches that of the outlet discharge spout.

Nozzle Holder · For safe storage of the nozzle while the fluid is not being dispensed.

Mounting Plate · Stainless Steel mounting plate for use in 1000/1200 litres (275/330 gallons) totes & 205 litre (55 gallon) drums · Drum mounting plate is stretchable for varying drum dia and acts as base for installing pump & other accessories



SPECIFICATIONS:

Model	AdBlue kit with k24 meter
Voltage	AC 220v/ 50/60 Hz
Flow Range	10-35 L/min
Accuracy	(+/-) 1%
Inlet/Outlet	1"
Delivery hose	4m
Suction hose	1.5m
Dimension	324x155x190mm

Flow rate:

Upto 35 LPM

Temperature:

-10c to 50c (14F to 122F)

Fluids:

DEF/AdBlue, Water,
Urea, Antifreeze

Catalogue number:

KIT/DEF/AN/220
KIT/DEF/AN/12

DEF - Diesel Exhaust Fluid is a mixture of high purity synthetic automotive grade urea & de-ionised water.

It is used in SCR (Selective Catalytic Reduction) system on diesel engines to reduce emissions

Designed to transfer DEF from a Drum/ Tote to smaller container/engines etc.

A DEF transfer system consists of :

DEF Transfer Pump
DEF Digital Turbine Meter
Automatic DEF Nozzle
Nozzle Holder
Mounting Plate

Flow rate:

Upto 35 LPM

Temperature: -10c to 50c

(14F to 122F)

Wetted Components:

Polyamide, Viton, SS, SDPM,
Polypropylene, EPDM, Nylon

SPECIFICATIONS:

	12V DC	220V AC
INPUT VOLTAGE	12V DC	½ HP
MOTOR HP	½ HP	½ HP
AMP	16 Amp	1.5 Amp
INLET/OUTLET	¾" Hose	¾" Hose
POWER CORD/CABLE	2m long with alligator clamps	2m long with Plug

***Measured at pump outlet with vehicle engine switched on**



Recommended Use:

DEF/AdBlue, Urea, Water,
Antifreeze, Detergents, etc.

Do not use with: Diesel, Kerosene,
Gasoline, Oils, etc

Catalogue number:

OADP/PR/AN/220
OADP/PR/AN/12

FSI Diaphragm transfer pump designed for dispensing DEF / AdBlue

Lightweight non corroding, weather proof polypropylene body

Self priming pump design

Built-In **Thermal Overload Protection**

Duty Cycle 30 minutes ON / 30 minutes OFF For DC Version

Pump inlet & outlet fitted with 3/4" (19 mm) hose

Flow rate:

Upto 35 LPM

Wetted Components:

Aluminium, Nitrile Rubber, Steel,
Nylon

SPECIFICATIONS:

	12V DC	220V AC
INPUT VOLTAGE	12V DC	1/2 HP
MOTOR HP	1/2 HP	1/2 HP
RPM	2900	2800
AMP	16 Amp	1.5 Amp
INLET/OUTLET	3/4" Hose	3/4" Hose
POWER CORD/CABLE	2m long with alligator clamps	2m long with Plug

*Measured at pump outlet with vehicle engine switched on



Recommended Use:

DEF/AdBlue, Urea, Water,
Antifreeze, Detergents, etc.

Do not use with: Diesel, Kerosene,
Gasoline, Oils, etc

Catalogue number:

ADP/12
ADP/220

Preset Digital Turbine meter for DEF/ AdBlue, easy to install in line or for end of the line applications.

Polyamide turbine measuring mechanism

Electronic display

Using cable PP body and sealed electronic card makes it suitable for use in severe weather conditions

Measures in liters, quarts, pints & gallons

Easy user re calibration

OVALGEAR MECHANISM

Flow rate:

7-120 LPM

SPECIFICATIONS:

Model	Preset Meter
Flow Range	7-120 L/min
Voltage	AC 220/DC 12V
Accuracy	(+/-) 0.5 %
Connecting wire	1.5m
Inlet/Outlet	1" BSP



RECOMMENDED USE:

Water based media, Urea, Adblue, E85& DEF

Working Temperature Range:

-10c to 50c (14F to 122F)

Max Working Pressure:

300 PSI (20 bar)

Do not use with:

Oils

Catalogue number:

PRESET METER ADBLUE



FSI DM20 BLACK turbine meter comes with polyamide construction, designed especially for use with DEF, Water, etc.

Designed for in-line, end of the line application or use with a dispensing nozzle

Polyamide turbine measuring mechanism

Electronic display using two AAA 1.5V batteries

Polyamide body & sealed electronic card makes it suitable for use in severe weather conditions

Display can be rotated in 4 different positions

Measures in litres, quarts, pints & gallons

Easy user re-calibration

Includes one additional stainless steel adaptor to convert from 1" male to 1" female threads

Flow rate:

5-120M LPM

WATER RESISTANCE:

IP 65

SPECIFICATIONS:

Accuracy	(+/-) 1%
Repeatability	(+/-) 0.30%
Least Count/ Resolution	0.001 units
Burst Pressure	580 PSI (40 BAR)
Max Resetable Batch Totalizer	99,999 units
Max Non Resetable Batch Totalizer	9,99,999 units
Max Viscosity of Media	5.35 cst
Water Resistance	IP 65



RECOMMENDED USE:

Urea, AdBlue, DEF, Windshield Fluids, Water & Water Based Media

Do not use with:

Fuels & Oils

Working Temperature Range:

-10c to 50c (14F to 122F)

Max Working Pressure:

145 PSI (10 Bar)

WETTED COMPONENTS:

Polyamide, Viton, Stainless Steel

Catalogue number:

DM20 BLACK

FSI DM20 turbine meter with polyamide construction, designed especially for use with DEF, Water, etc.

Designed for in-line, end of the line application or use with a dispensing nozzle

Polyamide turbine measuring mechanism

Electronic display using two AAA 1.5V batteries

Polyamide body & sealed electronic card makes it suitable for use in severe weather conditions

Display can be rotated in 4 different positions

Measures in litres, quarts, pints & gallons

Easy user re-calibration

Includes one additional stainless steel adaptor to convert from 1" male to 1" female threads

Flow rate:

5-120M LPM

WATER RESISTANCE:

IP 65

SPECIFICATIONS:

Accuracy	(+/-) 1%
Repeatability	(+/-) 0.30%
Least Count/ Resolution	0.001 units
Burst Pressure	580 PSI (40 BAR)
Max Resettable Batch Totalizer	99,999 units
Max Non Resettable Batch Totalizer	9,99,999 units
Max Viscosity of Media	5.35 cst
Water Resistance	IP 65



RECOMMENDED USE:

Urea, AdBlue, DEF, Windshield Fluids, Water & Water Based Media

Do not use with:

Fuels & Oils

Working Temperature Range:

-10c to 50c (14F to 122F)

Max Working Pressure:

145 PSI (10 Bar)

WETTED COMPONENTS:

Polyamide, Viton, Stainless Steel

Catalogue number:

DM20



FSI Electronic turbine meter with polyamide construction, designed especially for use with DEF, Water, etc.

Designed for in-line, end of the line application or use with a dispensing nozzle

Polyamide turbine measuring mechanism

Electronic display using two AAA 1.5V batteries

Polyamide body & sealed electronic card makes it suitable for use in severe weather conditions

Display can be rotated in 4 different positions

Measures in liters, quarts, pints & gallons

Easy user re-calibration

Includes one additional stainless steel adaptor to convert from 1" male to 1" female threads

Flow rate:

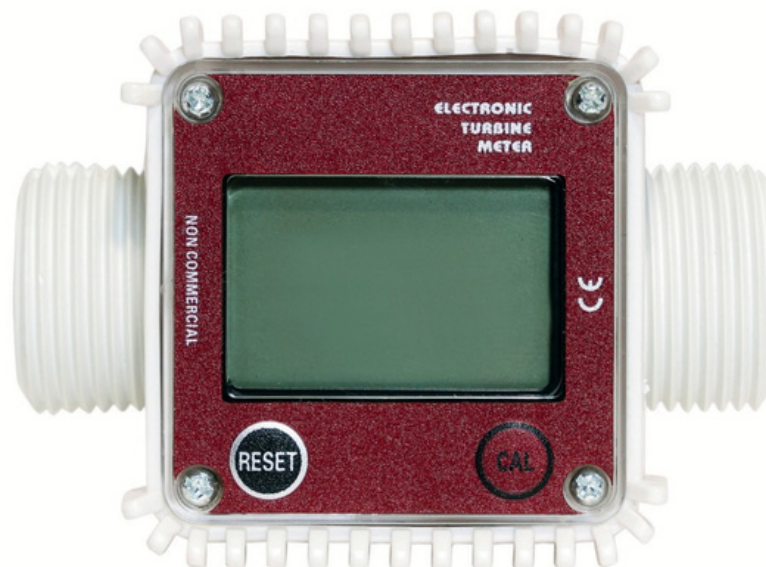
5-120M LPM

WATER RESISTANCE:

IP 65

SPECIFICATIONS:

Accuracy	(+/-) 1%
Repeatability	(+/-) 0.30%
Least Count/ Resolution	0.001 units
Burst Pressure	580 PSI (40 BAR)
Max Resettable Batch Totalizer	99,999 units
Max Non Resettable Batch Totalizer	9,99,999 units
Max Viscosity of Media	5.35 cst
Water Resistance	IP 65



RECOMMENDED USE:

Urea, AdBlue, DEF, Windshield Fluids, Water & Water Based Media

Do not use with:

Fuels & Oils

Working Temperature Range:

-10c to 50c (14F to 122F)

Max Working Pressure:

145 PSI (10 Bar)

WETTED COMPONENTS:

Polyamide, Viton, Stainless Steel

Catalogue number:

k24

Dual mode: Manual and Automatic. 3/4" inlet/ outlet.
Stainless steel construction with poly-amide trigger and protective coating.

Flow rate: upto 110 LPM.

Recommended for use with water and water based fluids, Def/ AdBlue, Urea, etc.

For use with DEF, Adblue, Urea, Windshield fluids & Other based media.

Heavy duty stainless steel cast body with polyamide cover.

Sensor built into the discharge spout automatically shuts off the supply once fluid level in the tank reaches that of the outlet discharge spout.

Flow rate:

Upto 110 LPM

WETTED COMPONENTS:

SS 304, N41

SPECIFICATIONS:

INLET	SPOUT DIA (ID)		SPOUT DIA. (OD)	
	(INCH)	(MM)	(INCH)	(MM)
½" (20mm) Hose	5/8	16	47/64	18.5



RECOMMENDED USE:

Water based media, Urea, Adblue, E85& DEF

Working Temperature Range:

-10c to 50c (14F to 122F)

Max Working Pressure:

Upto 50 PSI (3.45 bar)

Catalogue number:

ADN/3-4



For use with DEF, AdBlue, Urea, Windshield Fluids & other water based media

Nylon construction with stainless steel internal parts & viton seal

Nozzle spout with notches to avoid the gun from slipping from the tank during delivery

Manual control

Also includes continuous flow switch for unattended dispensing

Designed for minimal back pressure & reduction in flow

Flow rate:

20-90 LPM

WETTED COMPONENTS:

Nylon (Nylon 6, 30% glass Filled),
Stainless Steel, Viton

Max Working Pressure:

Upto 72.5 PSI (5 Bar)

Temperature:

Upto 60c (140F)

RECOMMENDED USE:

Diesel Exhaust Fluid, Adblue & Urea



SPECIFICATIONS:

INLET	SPOUT DIA (ID)		SPOUT DIA. (OD)	
	(INCH)	(MM)	(INCH)	(MM)
3/4" (20mm) Hose	1/4	18.8	9/16	14.6

Catalogue number:

MDN/3-4

13 ACCESSORIES

Filter Assembly

Catalogue number:
• 3/4" FILTER ASSEMBLY



Def Transfer Hose

Catalogue number:
• DEF TRANSFER HOSE



S60*6 Female 1" Hose Tail

Catalogue number:
• S60*6 FEMALE 1"



Rotary Barb 1"

Catalogue number:
• ROTARY BARB 1"



14 ACCESSORIES

Hose Tail

Catalogue number:
• WHITE HOSE TAIL FITTING



Long Elbow

Catalogue number:
• LONG BODY ELBOW



Female Sleeve

Catalogue number:
• SLEEVE 1" FEMALE



Barb Fitting Adaptor

Catalogue number:
• BARB FITTING ADAPTOR



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TOUCH
WITH US!**

FSI has an extensive sales team across India to help you out with any query related to product, application or installation

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Sonipat, Haryana,
India

All spare parts and kits are available.
For any service and spare parts related queries, contact us at

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