

# SINCE 1953

The PIUSI U.S.A. team, located in Fort Lauderdale, FL, serves the United States, Canada and Latin America markets. This extension of the PIUSI SPA family in the United States devotes time and effort in fortifying the bond between American consumers and Italian ingenuity.

PIUSI was established in 1953 in Suzzara, in the province of Mantua (Italy). They started as a mechanical engineering workshop serving the agricultural industry. The company soon made a name for itself as a manufacturer of strong and easy-to-use products suitable for a range of "different uses" (più-usi).

Research is constantly focused on finding innovative solutions, the upshot of the genius in Italian excellence. This has led PIUSI to set up modern offices and a manufacturing facility which includes an automated warehouse on a covered surface area of 270,000 SqFt, part of a larger area covering 473,000 SqFt.

PIUSI boasts an efficient and dynamic corporate structure with 200 employees, an in-house research & development laboratory, and an extensive sales and spare-parts network, further strengthened in 2009 with the opening of a company for the north and central American market based in Florida - USA.

Today PIUSI spa is a major player in over 120 different countries, with a broad range of intelligent, professional and easy-to-use solutions for transferring and measuring fuels, lubricants and liquids.

# SUZZARABLUE

This dispensing equipment is designed for easy management and dispensing. It includes a self-priming membrane pump that has no need for a dynamic seal, which reduces the need for maintenance.

# PRO KIT

- Stainless steel base with nozzle holder
- Heavy-duty pump
- K24 meter
- Automatic stainless steel nozzle
- 20 ft. delivery hose
- 4 ft. suction hose
- Hose tail and clamps
- 6.5 minute automatic shut-off

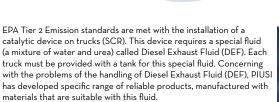
## **BASIC+ KIT**

- Stainless steel base with nozzle holder
- Heavy-duty pump
- Automatic stainless steel nozzle
- 20 ft. delivery hose
- 4 ft. suction hose
- Hose tail and clamps
- 6.5 minute automatic shutoff

## **BASIC KIT**

- Stainless steel base with nozzle holder
- Heavy-duty pump
- Manual nozzle
- 20 ft. delivery hose
- 4 ft. suction hose
- Hose tail and clamps
- 6.5 minute automatic shutoff











SUZZARABLUE BASIC+



SUZZARABLUE BASIC

C. I.	Flow Rate Power		M.I	Nozzle	Delivery Hose	UL	Weight	Packaging Box			
Code	Description	gpm	volt/Hz	rpm	watt	Meter	Nozzie	ft.	Approval	lb.	Inch
F00201A1	SUZZARABLUE 120V PRO	9	120/60	1700	400	Yes	Automatic	20	c UUus	35	19 x 15 x 11
F00201A2	SUZZARABLUE 120V BASIC	9	120/60	1700	400	No	Manual	20	c U us	28	19 x 15 x 11
F00201A5	SUZZARABLUE 120V BASIC +	9	120/60	1700	400	No	Automatic	20	c UL us	28	19 x 15 x 11
F00201A8	SUZZARABLUE 12V PRO	9	12	2800	260	Yes	Automatic	20	-	28	19 x 15 x 11
F00201A9	SUZZARABLUE 12V BASIC	9	12	2800	260	No	Manual	20	-	22	19 x 15 x 11

#### MICRO MATIC

by Micro Matic Code **F1536000** 

2

RSV Stainless RSV Container Steel Dispense Code F1713700 Coupler

#### **RSV CLOSED SYSTEM**

 RSV Container Valve
 RSV Down Tube

 Code F1713700
 for 330 gal - F1822900 (1245mm)



#### **PIUSI DEF COUPLER (PDC)**

The new PDC connector allows for quick and safe connection to totes equipped with stainless steel couplings or the classic SEC connector for plastic couplings.

PDC Coupler Code F1891000A

3



# THRE25

Discover a new dimension of fluid handling with the Piusi Three25. Created to ensure optimum durability and efficiency, the Piusi Three25 administers a 32.5% urea solution that is protected by our DEF 3D filter which prevents the contamination of your DEF and in turn allows for an increased life of the catalyst.



Code	Description	Flow Rate Power		Nozzle	Delivery Hose	UL	Weight	Packaging		
Code	Description	gpm	volt/Hz	rpm	watt	NOZZIE	ft.	Approval	lb.	Inch
F00101A00	Three25 120V	9	120/60	1700	370	Automatic	20	c UUus	30	19 x 15 x 11
F00101A10	Three25 12V	9	120/60	1700	370	Automatic	20	-	30	19 x 15 x 11

# DRUMSYSTEM

# SUZZARABLUE DRUM

This dispensing equipment offers a base that can be easily transferred.

## **BASIC DRUM KIT**

- Stainless steel base with nozzle holder
- Heavy-duty pump
- Manual nozzle
- 20 ft. delivery hose
- 1.5 ft. suction hose

# **BASIC+ DRUM KIT**

- Stainless steel base with nozzle holder
- Heavy-duty pump
- Automatic stainless steel nozzle
- 20 ft. delivery hose
- 1.5 ft. suction hose
- 6.5 minute automatic shutoff

# PRO DRUM KIT

- Stainless steel base with nozzle holder
- Heavy-duty pump
- SB 325 metered automatic nozzle
- 20 ft. delivery hose
- 1.5 ft. suction hose

SUZZARABLUE TROLLEY

The drum trolley is designed for easy mobility of the drum and tote pump kit. With the Trolley you can install a Suzzarablue Basic tote kit or you can choose the Suzzarablue Pro tote kit (with the K24 meter and automatic nozzle).

> Trolley Code **R12068010**

### +

#### Suzzarablue Tote Kit

sold separately

Drum not included



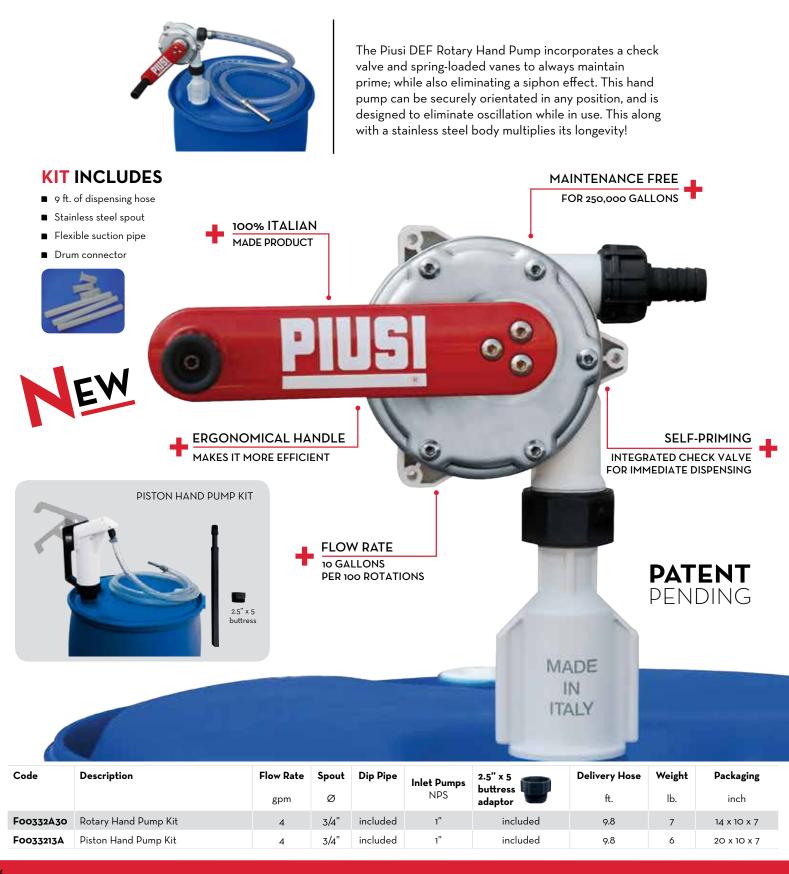
6.5 MINUTE TIMER

Drum not included

Code	Description	Pescription Flow Rate Power Noz		Nozzle	Delivery Hose	UL Approval	Weight	Packaging		
		gpm	volt/Hz	rpm	watt		ft.		lb.	Inch
F00201A3	Suzzarablue BASIC drum kit	7-9	120/60	1700	370	Manual	20	c UL us	30	19 x 15 x 11
F00201A4	Suzzarablue BASIC+ drum kit	7-9	120/60	1700	370	Automatic	20	c UL us	30	19 x 15 x 11
Foo201AL0	Suzzarablue PRO drum kit 120V	7-9	120/60	1700	370	Automatic	20	c Us	28	19 x 15 x 11
F00201AM0	Suzzarablue PRO drum kit 12V	7-9	12	1700	370	Automatic	20	-	28	19 x 15 x 11
R12068010	Trolley (only)							-	59	43 x 27 x 12.5

# PIUSIHANDPUMP

The new Piusi DEF Rotary Hand Pump is the first hand pump to be specifically designed for use with DEF!





The PIUSI MP air-operated diaphragm pump features an air motor feeding inversion system (IAMA) that allows rapid tuning of pump speed and flow rate by adjusting the quantity of air supplied.

**58**GPM **26**GPM







Code	Description	Pump Body	In/out	Flow Rate
F00208P50	MP140	polypropylene	ı" G	26 gpm
F00208P60	MP190	polypropylene	1" 1/4" G	58 gpm

### **Technical Features**

- Self-priming
- Sturdy technopolymer body
- ATEX certification for severe duty conditions or operation in potentially explosive atmospheres
- Can be run dry without causing damage
- Fine tuning of speed without pressure loss
- Pneumatic circuit

### **AVAILABLE ACCESSORIES**



SB325 nozzles Code Multiple



K24 meter

Code **F00407340** 



Hose reel DEF 26 ft. Code **F00750070** 

# **DELPHIN** DEF CAR DISPENSER

PATENT

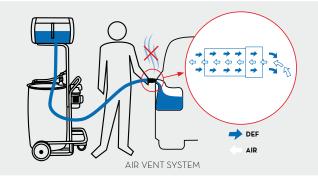
PENDING



PIUSI, the market leader in solutions for DEF<sup>®</sup> refilling, is proud to present the new SuzzaraBlue Delphin.

The new system is specially designed for use in motor vehicle workshops. Mounted on a sturdy trolley for ease of transport, it allows vehicle tanks to be refilled with DEF in complete safety.

The 120 Volt membrane pump fills the Delphin's upper tank with DEF, which is then transferred to the vehicle's tank by gravity. This innovative system avoids leaks and drips. It is versatile, easy to move and user friendly. Choose the reliability of Piusi solutions for all your refilling needs!



#### **FEATURES**



#### Delivery Ø Flow Rate Power On/Off Hose Description Switch volt/Hz ft. gpm amp max watt DELPHIN 3/4" 120/60 400 Yes 1.6 1.95 20

# SUZZARABLUE PUMPS

Piusi has developed a new type of membrane pump equipped with an electric motor, auto shut-off timer and no need for a dynamic seal. This allowed us to obtain a reliable industrial pump with self-priming capabilities.

CYCLE

min

### **ACPUMPS**

FLOWRATE MAX PRESSURE

23.2 20

**9 23** 

### **Technical Features**

- Voltage: 120V / 60Hz
- Absence of dynamic seals
- ON/OFF switch
- 6 ft. cable with socket
- 6.5 minute timer

# FLOWRATE MAX PRESSURE CYCLE

handle available

Code **R16175010** 





#### **Technical Features**

- Voltage: 12V / 24V
- Absence of dynamic seals
- ON/OFF switch
- 6 ft. cable with clamps
- Handle available upon request
- Optional 12 ft. cable with clamps

Code	Description	Flow Rate Power					Cables	Connections	Connections	Weight	Packaging
Code	Description	gpm	volt/hz	rpm	watt	amp	Cables	IN	OUT	lb.	inch
F0020300	Suzzarablue AC pump 120V	7-9	120/60	1400	400	2	Yes	hose tail 3/4"	hose tail 3/4"	17	18 x 12 x 12
F0020400	Suzzarablue DC pump 12V	7-9	12	2800	260	22	Yes	hose tail 3/4"	hose tail 3/4"	16	18 x 12 x 12
F0020401	Suzzarablue DC pump 24V	7-9	24	2800	310	13	Yes	hose tail 3/4"	hose tail 3/4"	9	18 x 12 x 12
F00204020	Suzzarablue DC pump 12V with 12 ft. cable with clamps	7-9	12	2800	260	22	Yes	hose tail 3/4"	hose tail 3/4"	16	18 x 12 x 12

ASSIFIED

# HOSEREEL

Hose reel made specifically for DEF use with supply hoses. Designed to limit pressure loss and facilitate use. The Hose Reel reduces pressure loss through the proper sizing of the hydraulic system, includes a protective latch mechanism that prevents accidental contact with the hands. This hose reel offers adjustable arms for easy positioning as required, and an optional rotating wall support that facilitates hose reel installation in different positions.

### **Technical Features**

- Protective latch
- Adjustable positioning arm
- Optional wall support plate

Rotating Support Plate

26 ft. Code: **F17317000** or 48 ft. Code: **F16279000** 



Code	Description		Hose		Max Pressure	Inlet with	Outlet	Pressure	Weight	Packaging
Code	Description		ft.		psi	Swivel	Hosetail	Loss	lb.	inch
F00750070	Hose reel DEF 26 ft EPDM hose	Yes	26	3/4"	145	3/4"	3/4"	1 psi @ 9gpm	38	21.7 x 98 x 20.9
F00750110	Hose reel DEF 48 ft EPDM hose	Yes	49	3/4"	145	3/4"	3/4"	2 psi @ 9gpm	53	21.7 x 98 x 20.9
F17275000	Hose reel tote base mount									

# MANAGEMENT SYSTEMS MCBOX

Economical fuel management system for up to 120 users and 255 transactions that can be connected to any existing pump and/or pulse meter. The MC system consists of a multi-user panel and software kits that enable a hard wire or wireless connection.



# **10+ YEARS** IN THE FIELD

### **Technical Features**

- Panel with dual display
- Keyboard and i-button reader
- Controls up to 120 users through passwords or i-button keys
- Calculates consumption of each individual user
- Dedicated software for printing individual detailed summaries

B

PC interface

Includes

Code F1271000C

• 1 USB converter

• 1 CD with PC software

- $\blacksquare$  Possibility of managing up to 16 MC boxes with our software
- Key reader with USB socket for exporting data

Code	Description	<b>Fluids</b> type	<b>AC/DC</b> volt/hz	<b>Weight</b> lb	<b>Packaging</b> inch
F1398007B	MC Box 120V	Any	120/60	12	16 x 12 x 8
F1398001A	MC Box 12V	Any	12v DC	12	16 x 12 x 8



- 1 red manager key
  10 yellow user keys
- 1 key reader for data transfer to PC
- CD with PC software

# ACCESSORIES

- Wifi kit Code F12710040 Kit includes:
- Wifi box
- Wifi transmitter
   PC software



Português: F140000A Français: F1390700A User key Code R15904000 Includes: • 10 yellow keys

Español: F1396800A

Language Key | Includes: • 1 black key

Manager key Code R12496000 Includes: • 1 red key

English: F15358000

# MANAGEMENT SYSTEMS MCBOX 2.0



# AVAILABLE ACCESSORIES



OCIO 2.0 Code **F00755250** 



K24 Turbine Pulse Meter Code **FOO40721B** 

10 User & 10 Vehicle Keys User Code **R15904000** Vehicle Code **R17299000** 

MC BOX 2.0 is a management system that allows you to monitor up to 1000 users, vehicles and fluid dispensing for fuel distribution plants.

MC BOX 2.0 also offers the ability to monitor tank fuel level by incorporating the OCIO 2.0!

MC BOX 2.0 is equipped with a dual display, keypad and i-button key reader. Two-way dialogue is possible with a PC via the standard LAN or Wi-Fi connection, which not only makes it able to receive data but also lets you change the configuration from a remote location, conveniently and accurately.

The device is available in a LAN or Wi-Fi version to meet consumer needs. Both versions can be used with the Self Service management 2.0 software.

#### The MC BOX 2.0 WAS MADE SPECIFICALLY FOR THE SELF SERVICE 2.0 SOFTWARE & 2.0 PRODUCTS!

#### **New Software Features:**

- Setup, monitoring and reporting done from your PC
- Intuitive dashboard panel shows you what's going on at a glance
- Real-time connection over LAN or Wi-Fi network
- Continuously monitors current tank levels
- Monitor, control, and limit drivers & vehicles from your PC
- Create customizable reports & graphs that show you the details of each tank, liquid, vehicle, or driver that your company manages

\* Web based login coming soon

Code	Description	Fluids	AC/DC	<b>Veight</b> Ib	Packaging
		type	volt/hz	-	inch
F00597030	MC Box 2.0 LAN	Any	120/60	12	16 x 12 x 8
F00597040	MC Box 2.0 WIFI	Any	120/60	12	16 x 12 x 8

# MANAGEMENT SOFTWARE **SELF**SERVICE 2.0





The Self Service Management 2.0 software is designed to be used with the new Self Service 2.0 dispensing devices.

This software offers an array of **new monitoring** features, and sets up an easy viewing pane in order to **configure** and **review** several new dispensing parameters.

Quickly toggle between live tank level monitoring, live fill up activity, fast user/ vehicle setup and linking! Personalize your fleet by adding pictures and **color-coded vehicles**, all while in the comfort of your office.



Code	Description	Dispensers	Ocio 2.0	Web Compatibilty	Users
F00772010	Self Service 2.0 Standard	2	2	No	100
F00772020	Self Service 2.0 Professional	4	4	Yes (PW-Mobile)	250
F00772030	Self Service 2.0 Enterprise	8	8	Yes (PW-Mobile)	500
F00772040	Self Service 2.0 Ultimate	12	12	Yes (PW-Mobile)	1000
F00772000	MC Box 2.0 Client	-	-	-	-

\* Cloud compatibility coming soon

# FLOW & PULSE Meters



The K24 meter is easy to install in line, at the end of the delivery hose or directly on the nozzle. The K24 meter contains a compact and highly visible display. The display can be rotated in 4 different positions.

Impulse type signals: Single channel, reed switch. Electronic card with LCD display: 5 digit partial total from 0.1 to 99999, 6 digit total from 1 to 999999.

FREED

Resettable total available. Flow rate indication.



K24 flow meter

K24 pulser



So	ket 1" BSP/BSP	
BSP BSP	BSP BSP	
Female Female		

#### **TURBINOX REMOTE DISPLAY** with PULSE OUT This meter is easy to install. A tight stainless steel body provides endurance for use in every condition. Also available is our pulser display C which allows you to connect an external receiver. PIUSI. ACCURACY PULSE OUT BSP BSF **333** % Turbinox w. remote display Inline turbine pulse meter Pulse Out (p/g) Display Packaging Flow Rate Max ght Code Description Pressure ات ات Pulser Display Inch gpm psi Version Version F00407340 K24 Flow Meter (1 socket) GAL Yes 6 x 6 x 6 1.6 - 26.4 145 333 1 F0040721B K24 Pulser-meter (1 socket) 1.6 - 26.4 145 No 333 -1 6 x 6 x 6 F0042000A Inline turbine pulse meter 2.6 - 10.6 290 No 4 x 4 x 4 333 Remote display with Pulse OUT F0049503B 8 x 8 x 8 . . Yes . 1-100 26 F0041001A Turbinox with Remote Display 2.6 - 10.6 Yes 12 x 12 x 12 290 333 1-100 3.2



A complete range of automatic nozzles designed for the DEF market worldwide. This new automatic nozzle is reliable, lighter, and ergonomic; setting the standard for all other nozzles.

9GPM .5% ACCURACY



### **Break-Away System**

In the event that a vehicle accidentally drives away with the nozzle still in the tank, the spout is designed to detach from the nozzle. This system allows for a quick repair by merely fitting a new spout onto the nozzle.



### **Mis-filling Spout Kit**

This kit allows you to transform a standard SB325 nozzle into an SB325 mis-filling system by simply fitting a different spout onto the nozzle. This feature prevents you from having a misfill into the fuel tank.



Magnetic Tank Adaptor: **F15165000** 

Code	Description	Magnetic	Flow Rate	Flow Rate Meter	Max P	ressure	Inlet	Spout	Weight	Packaging
Code	Description	Adaptor	gpm		psi	bar	BSP	ext. Ø	lb.	inch
F00617000	SB 325 Automatic Nozzle	No	9	No	50.8	3.5	3/4"	19mm	2	18 x 6 x 6
F00617010	SB 325 Metered Automatic Nozzle	No	9	Yes	50.8	3.5	3/4"	19mm	3	18 x 6 x 6
F19174000	Mis-filling Spout Kit w./ Bypass Adapter	Yes	9	No	50.8	3.5	3/4"	19mm	1	4 × 4 × 4
F1840000	Magnetic Spout Bypass Adapter								1	4 x 4 x 4
R19173000	SB325 Replacement Spout								1	4 x 4 x 4

AUTOMATICNOZZLE	MANUALNOZZLE
Automatic nozzle featuring a device that stops the ow when the tank is full.	Manual nozzle distinguished by high efficiency, due to the low flow resistance, and inexpensive operation.
Spout outer diameter 3/4"	Spout outer diameter 3/4"
Code <b>F0061903B</b> Hose tail 3/4" with swivel Code <b>F0061902B</b> Without swivel inlet thread 3/4" BSP	Code <b>F14761000</b>
FLOW RATE WEIGHT MAX PRESSURE	FLOW RATE WEIGHT MAX PRESSURE
11 5.7 50 <sub>gpm</sub> b. psi	<b>20 1 50</b> psi

# K24 Nozzle Adapters

The simple solution to directly monitor your DEF dispensing. The K24 meter is installed inline on the nozzle.



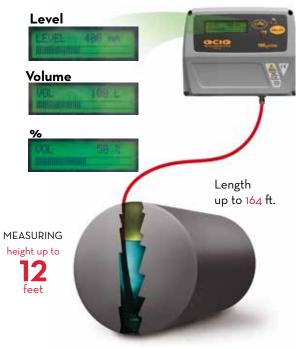


# **OCIO**

#### Innovative system for monitoring the fluid level inside atmospheric tanks.



Code	Description	AC v/hz	Weight	Packaging
F00755150	SuzzaraBlue OCIO	120/60	4.8	12 x 12 x 12
F00755\$1A	OCIO desk SINGLE TANK (software + PC interface for 1 tank)	-	0.9	8 x 8 x 8
F00755230	OCIO 2.0 MC	120/60	4.8	12 x 12 x 12
F00755240	OCIO 2.0 WIFI	120/60	4.8	12 x 12 x 12
F00755250	OCIO 2.0 RS485	120/60	4.8	12 x 12 x 12



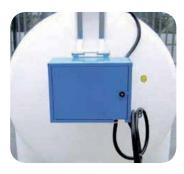
# **BLUEBOX**

**Dimension:** 23 x 12 x 24 in. Weight: 38 lb

### Code **R1611800A**









# **ADAPTERS**



Code F16074000 NPT/NPT (pack 20 pcs)



Code **F16458000** BSP/NPT (pack 20 pcs)



Code F16073000 BSP/BSP (pack 20 pcs)

# **PLASTICFITTINGS**





# NOTES





#### PIUSI USA, Inc 5553 Anglers Avenue, Suite 104 Fort Lauderdale, FL 33312 Telephone: (954) 584-1552 www.piusiusa.com