



CENTRALIZED LUBRICATION FOR YOUR WORKSHOP

CHECK AND MANAGE YOUR WORKSHOP'S CONSUMPTION OF LUBRICANTS WITH ONE CLICK

From PIUSI's experience in designing and developing **fluid management systems for lubricants**, comes the **MCO GO**: a brand new plug&play system that allows you to manage and monitor the flow of oil and other fluids in your garage.

Say goodbye to wastes, jerry cans, mobile tanks and trolleys.

Now with MCO GO even the **smallest workshops** have a centralized system available, allowing them to:

- ▷ **Make quick and precise dispensing operations** in order to reduce costs, time and to avoid wastes
- ▷ **Handle** all fluids in a centralized way
- ▷ **Export** all the dispensing operations
- ▷ **Improve the profitability** of their business

MCO GO is **quick and simple** to install: simply connect the components to the Control Unit and you're ready to go! No need for complex networks, software or Wi-Fi: everything is triggered by one click.

Ready to discover a new way of managing your garage? GO!

MCO GO: MONITOR AND EXPORT YOUR CONSUMPTIONS

MANAGEMENT SYSTEM

Centralized fluid
dispensing

PLUG & PLAY

Connect the devices
and the system
starts

MONITORING

Constant monitoring
of fluid transfers
to reduce time,
costs and wastes



THE OIL MONITORING SYSTEM FOR EVERYONE AND EVERY FLUID



Thanks to the innovative Control Unit, **MCO GO** is able to handle **up to 6 dispensing lines for every CU** with no need for software or complex infrastructures. Simple and versatile, it is suitable for any kind of retrofit.

▷ **Oil** ▷ **Windscreen** ▷ **AdBlue®** ▷ **Diesel** ▷ **Any**



APPLICATION 02: **TRUCK GARAGE**

A workshop with a more complex system and 2 Control Units: each CU can handle up to 6 GPV 2.0.

YOUR CENTRALIZED LUBRICATION SYSTEM

MCO GO is designed and engineered to satisfy the most stringent market requirements: plug&play is suitable for any situation.

CONTROL UNIT MCO GO

The heart of the system from which all operations are managed.

PAGES 10-11

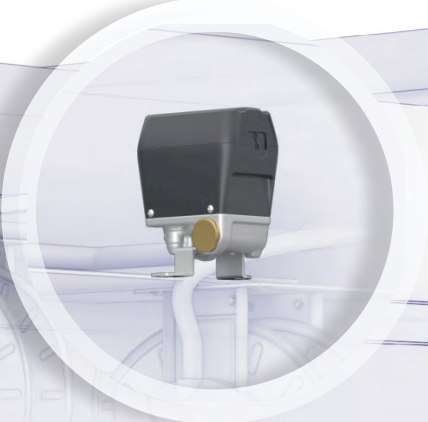


PRINTER

For a printed report of the dispensing data.

PAGE 17

OPTIONAL



GPV 2.0

Solenoid
electrovalve with
integrated flow
meter.

PAGES 17-19



CLOUD SOFTWARE MCO GO

For a more detailed
analysis of all
operations.

PAGES 13-15

OPTIONAL



EASYVIEW

Oil nozzle with
integrated display.

PAGE 17

OPTIONAL



MCO GO: THE READY TO USE AND SIMPLE TO INSTALL SYSTEM

MCO GO is the **simple and quick way** to enter the world of lubricant management: the next step forward for all workshops that require a centralization of data without having to install complex, costly and over specified systems.

MCO GO is intuitive and ready to use: once installed, the system is immediately ready to dispense. There are no softwares or complex networks to be installed; simply grab a few LAN cables and you're done!

**1**

PREPARE THE SYSTEM

Install the CU and then one GPV 2.0 in each dispensing point (up to 6 GPV 2.0 per CU)

2

WIRING

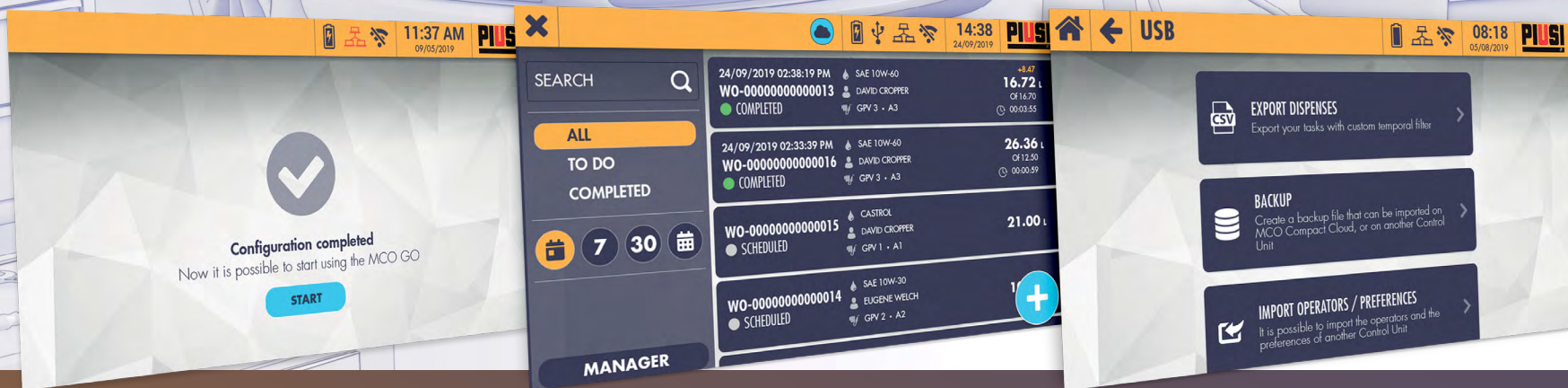
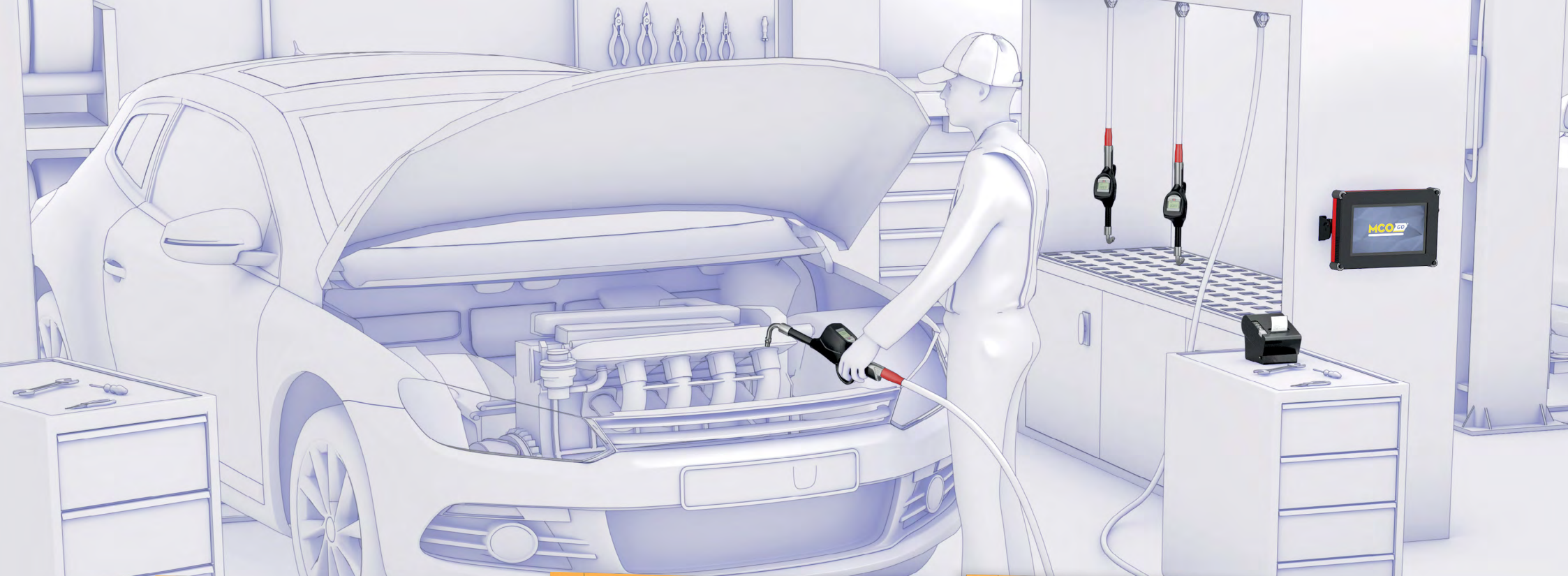
Connect CU and other elements via LAN, using the switch (included)

3

DISCOVERY

Start the auto configuration procedure

OPERATION 01: INSTALLATION



1

MANAGE

Create your work orders, activate and monitor them directly from CU*.

2

DISPENSE

Get authorized, click play and start to dispense.

3

EXPORT THE DATA

Save the dispensing data on USB stick or via Wi-Fi**.

OPERATION 02: DISPENSING

*With the (optional) printer you may have a printed ticket for every single operation. / **Only available with the Cloud Software MCO GO.

SYSTEM MANAGEMENT: TRANSACTION MONITORING



MCO GO is **entirely managed by the Control Unit**: the heart and soul of this system. The interface is simple and intuitive; **no particular informatics skills are required**.

From here, by simply scrolling the screen, **you can**:

- ▷ Start the orders
- ▷ Monitor the current transactions, both pending and programmed ones
- ▷ Verify the operations are done correctly

During the operation, the **dispensed volume is displayed** and may also be printed with the connected printer (optional).

CUSTOMIZE
WITH YOUR
LOGO

REPORT: DATA EXPORT

MCO GO registers all lubricant dispenses made with each GPV 2.0 connected to the CU.

It is possible to filter and export the data in .xlsx format on USB stick or via Wi-Fi (only using the Cloud Software MCO GO). The data will be visible as a list on a common spreadsheet.

With the Cloud Software MCO GO (optional) you can sum up, choose, filter the transactions and see the data directly on the web interface.



MCO GO: WHAT'S IN THE BOX

MCO GO is an all-inclusive system specifically designed for **the smaller workshops**: durable and reliable components, simple and intuitive technology, ready to install and use*.

The package includes:

*LAN cabling is end user's responsibility

1

CONTROL UNIT MCO GO

One model, able to manage up to 6 GPV 2.0, for any need.



2

8 PORTS SWITCH

Network device with 8 ports to which you can connect: 1 CU, 6 GPV 2.0 and 1 printer.



Just add the number of GPV you need.

CLOUD SOFTWARE MCO GO: MORE REMOTE CONTROL

CONSOLIDATE DATA

From different CU
and workshops

REPORT

Detailed analysis
of all data

TANK MONITORING

Monitor the
calculated tanks'
volume*



*Updated with each data synchronization

CLOUD SOFTWARE MCO GO: DETAILED DATA ANALYSIS



For a **more detailed analysis** of the reports, MCO GO can be integrated with the **Cloud Software MCO GO** that allows a verification and a detailed analysis of all operations:

- ▶ **Filter the data** by the most interesting information and immediately notice **any anomalies**
- ▶ **Sum up different records** according to your requirements
- ▶ **Verify the jobs** on a daily or weekly basis for a better overview of all activities
- ▶ **Monitor** the calculated tanks' volume*
- ▶ **Export the results** of any single day

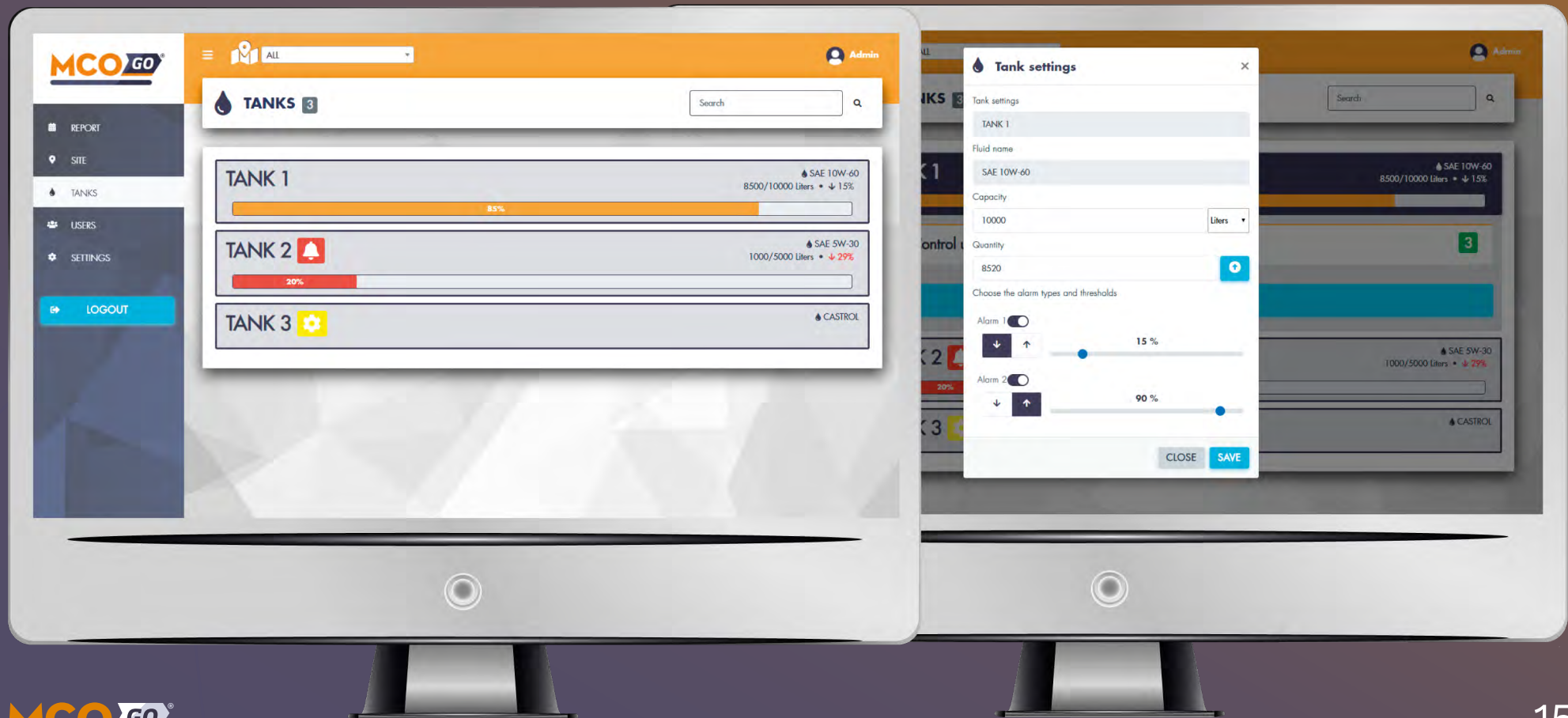
*Updated with each data synchronization

CUSTOMIZE
WITH YOUR
LOGO

CLOUD SOFTWARE MCO GO: TANK MONITORING

The TANK section allows a **more detailed configuration of the tanks**. For each tank handled by a Control Unit:

- ▷ Keep under control the **tanks' level**
- ▷ Link it to the **relative fluid**
- ▷ Define the **tank capacity**
- ▷ Set up the **level alarms**



HARDWARE

MCO GO

MCO GO works with the specific range of Control Unit, GPV 2.0 and Easyview:

- ▷ Maximum technical performances and reliability, all from one supplier
- ▷ Integrated LAN connection
- ▷ Made in Italy; PIUSI's guaranteed quality

CONTROL UNIT MCO GO

The CU is the heart of the system: this is where the dispensing requests are entered and all operations are monitored.



MAIN FEATURES:

- ▷ Touchscreen
- ▷ Multi-tension 90/250 V – 50/60 Hz
- ▷ Power supply with standard C14 connector
- ▷ Integrated LAN connection
- ▷ Direct fixing or through adjustable supports (optional)

GPV 2.0*

Solenoid electrovalve with integrated flow meter, designed to guarantee a continuous duty performance.



Standard C14 connector

MAIN FEATURES:

- ▷ Accuracy $\pm 0,5\%$
- ▷ Flow rate up to 30 l/min
- ▷ Multi-tension 90/250 V - 50/60 Hz
- ▷ Power supply with standard C14 connector
- ▷ Integrated LAN connection
- ▷ Fixing through adjustable support included

* Data relative to the oil version. Other versions available on pages 18/19.

EASYVIEW (OPTIONAL)

Dispensing nozzle with integrated display; through a wireless connection, it displays the measuring data of the associated GPV.



MAIN FEATURES:

- ▷ Flow rate up to 30 l/min
- ▷ Standard AA batteries
- ▷ Automatic display shut-off
- ▷ Integrated swivel

PRINTER (OPTIONAL)

Allows you to print the latest operation on a receipt, in order to also keep a paper copy of the dispensing data.



MAIN FEATURES:

- ▷ Multi-tension 90/250 V - 50/60 Hz
- ▷ Integrated LAN connection

GPV 2.0: INTEGRATED METER VALVE

GPV 2.0 is part of PIUSI MCO 2.0 as a component specifically designed to control the flow of fluids thanks to a solenoid valve (single or double) and an oval gear meter. It is available in several versions according to the fluid that has to be dispensed.

GPV 2.0 OIL



Specifically designed for lubricants:

- ▷ Filtration level up to 150 micron
- ▷ Viscosity 5/2000 mPa•s
- ▷ Accuracy $\pm 0,5\%$
- ▷ Flow rate 2/30 l/min
- ▷ Operating pressure 70 bar
- ▷ Working temperature $-5^{\circ}\text{C}/+40^{\circ}\text{C}$
- ▷ 12/24V DC continuous duty
- ▷ Single or double solenoid valve version available

GPV 2.0 DIESEL



Specifically designed for diesel:

- ▷ Accuracy $\pm 0,5\%$
- ▷ Flow rate 10/100 l/min
- ▷ Operating pressure 30 bar
- ▷ Working temperature $-5^{\circ}\text{C}/+40^{\circ}\text{C}$
- ▷ 24V DC continuous duty
- ▷ Single valve version available

GPV 2.0 WINDSCREEN



Specifically designed for windscreen:

- ▷ Accuracy $\pm 0,5\%$
- ▷ Flow rate 1/30 l/min
- ▷ Operating pressure 70 bar
- ▷ Working temperature $-5^{\circ}\text{C}/+40^{\circ}\text{C}$
- ▷ 24V DC continuous duty
- ▷ Single valve version available

GPV 2.0 AdBlue®



Specifically designed for AdBlue®:

- ▷ Accuracy $\pm 0,5\%$
- ▷ Flow rate 5/120 l/min
- ▷ Operating pressure 10 bar
- ▷ Working temperature $-5^{\circ}\text{C}/+40^{\circ}\text{C}$
- ▷ 24V DC continuous duty
- ▷ Single valve version available

GPV 2.0 UNIVERSAL: SUITABLE FOR ALL DEVICE & FLUID

GPV 2.0 UNIVERSAL is the final solution engineered by PIUSI for all those applications that need a unique system to manage all the fluids and devices.

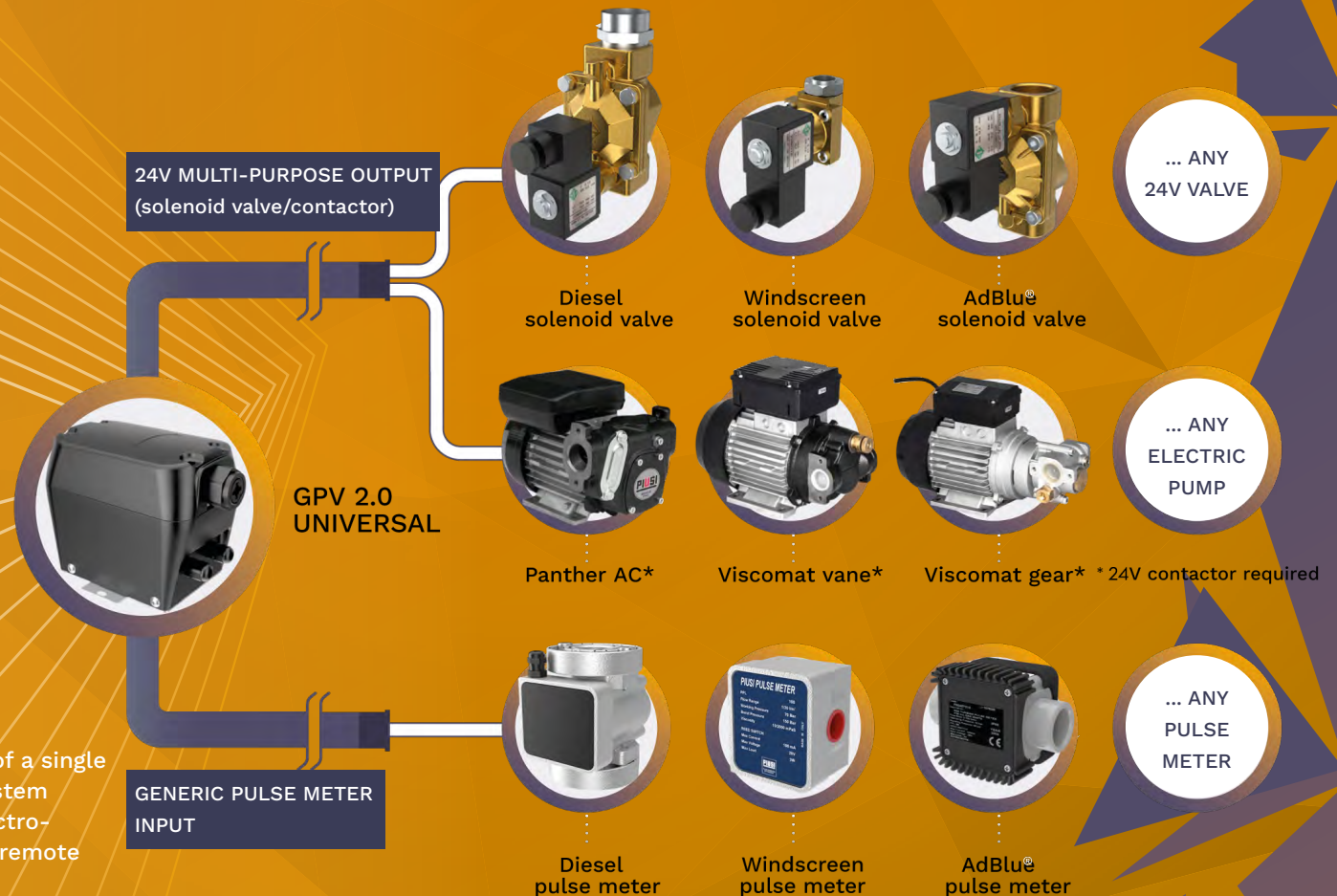
GPV 2.0 UNIVERSAL CONTROLLER



GPV 2.0 UNIVERSAL can manage:

- ▷ ANY pulse meter input
- ▷ ANY 24V output (contactor or solenoid valve); thus the system is suitable to manage ANY fluid

It has been designed and built for the installation of a single dispenser belonging to a centralized dispensing system on the supply line. It controls the flow through electro-valves and liter counters. The operation requires a remote connection with other components through LAN.



YOUR WORKSHOP AT HAND

With MCO GO and MCO 2.0, PIUSI has developed two fluid monitoring systems suitable for all workshops. Discover the features of the two products and choose the one that suits your needs.

		
Report	Only with Cloud Software MCO GO*	V
Number of hose reels	Up to 6/each Control Unit	Nessun limite
Tank level indication	Calculated - only with Cloud Software MCO GO	V
Ticket printer	V	V
Integration with DMS	Export dati in .CSV su USB o da Cloud Software MCO GO	V
Network	Not required	LAN/Wi-Fi network required
Management of maintenance&repair tasks	-	V
Operators Access Control List (ACL)	-	V
Vehicles and customers management	-	V
Agenda scheduling	-	V

*CSV data export always possible

MCO GO ORDER CODES

Choose PIUSI and enter into the world of **centralized lubrication**: optimize your costs, wastes and time to enhance the profitability of your business!

CONTROL UNIT MCO GO

	PART NUMBER	DESCRIPTION	VOLTAGE
	F00776C00	CONTROL UNIT MCO GO (SWITCH INCLUDED)	100-240V 50-60Hz
ACCESSORI			
	F22527000	TICKET PRINTER MCO GO	100-240V 50-60Hz
	F20112000	KIT WALL MOUNT BRACKET	/

CLOUD SOFTWARE MCO GO (OPZIONALE)

	PART NUMBER	DESCRIPTION	VALIDITY
	F00774300	CLOUD MCO GO - 1 YEAR - Up to 4 CU	Annual*
	F00774310	CLOUD MCO GO - 1 YEAR - UNLIMITED CU	Annual*
	F00774320	CLOUD MCO GO - 3 YEARS - Up to 4 CU	Triennial*
	F00774330	CLOUD MCO GO - 3 YEARS - UNLIMITED CU	Triennial*
	F00774340	CLOUD MCO GO - ONE FEE TIME - Up to 4 CU	Unlimited
	F00774350	CLOUD MCO GO - ONE TIME FEE - UNLIMITED CU	Unlimited

*As from the activation date (365/1095 days)

MCO GO

ORDER CODES

GPV 2.0

	PART NUMBER	DESCRIPTION	FLUIDS	FLOW RATE		VOLTAGE	
				l/min	gpm	AC V. / Hz	Max Power Watt
	F0044600B	GPV 2.0 - SINGLE VALVE	OIL	30	7,9	90/250V - 50/60 Hz	25
	F0044601B	GPV 2.0 - DOUBLE VALVE	OIL	30	7,9	90/250V - 50/60 Hz	25
	F0044603A	GPV 2.0 - SINGLE VALVE	WINDSCREEN	30	7,9	90/250V - 50/60 Hz	25
	F0044605A	GPV2.0-UNIVERSAL VALVE/PULSER CONTROLLER	Any	/	/	90/250V - 50/60 Hz	25
	F0044606B	GPV 2.0 SINGLE VALVE - REMOTE	OIL	30	7,9	90/250V - 50/60 Hz	25
	F0044607A	GPV 2.0 - SINGLE VALVE	AdBlue®	30	7,9	90/250V - 50/60 Hz	25
	F0044608A	GPV 2.0 • SINGLE VALVE	DIESEL	30	7,9	90/250V - 50/60 Hz	25

EASYVIEW (OPZIONALE)

	PART NUMBER	DESCRIPTION	FLUIDS	FLOW RATE l/min	CONNECTION	PORT
	F00779010	EASY VIEW 2.0 - RIGID	OIL	Up to 30	Zigbee (to GPV 2.0)	1/2" BSP
	F00779000	EASY VIEW 2.0 - FLEXIBLE	OIL	Up to 30	Zigbee (to GPV 2.0)	1/2" BSP

MCO GO: SWITCH TO A CENTRALIZED LUBRICATION SOLUTION!

MCO GO is a oil monitoring system created by PIUSI and available worldwide

il mondo through a network of professional dealers.

Get in touch with our local partners to order your own system or contact PIUSI directly for more information.

PIUSI

MADE IN ITALY



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