PIUSI ®

MCO GO ®

CENTRALIZED LUBRICATION FOR YOUR WORKSHOP

MADE IN ITALY

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

MCO GO

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

APPLICATION 01: CAR GARAGE

Small workshop with simple dispensing system with 3 GPV 2.0 connected

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
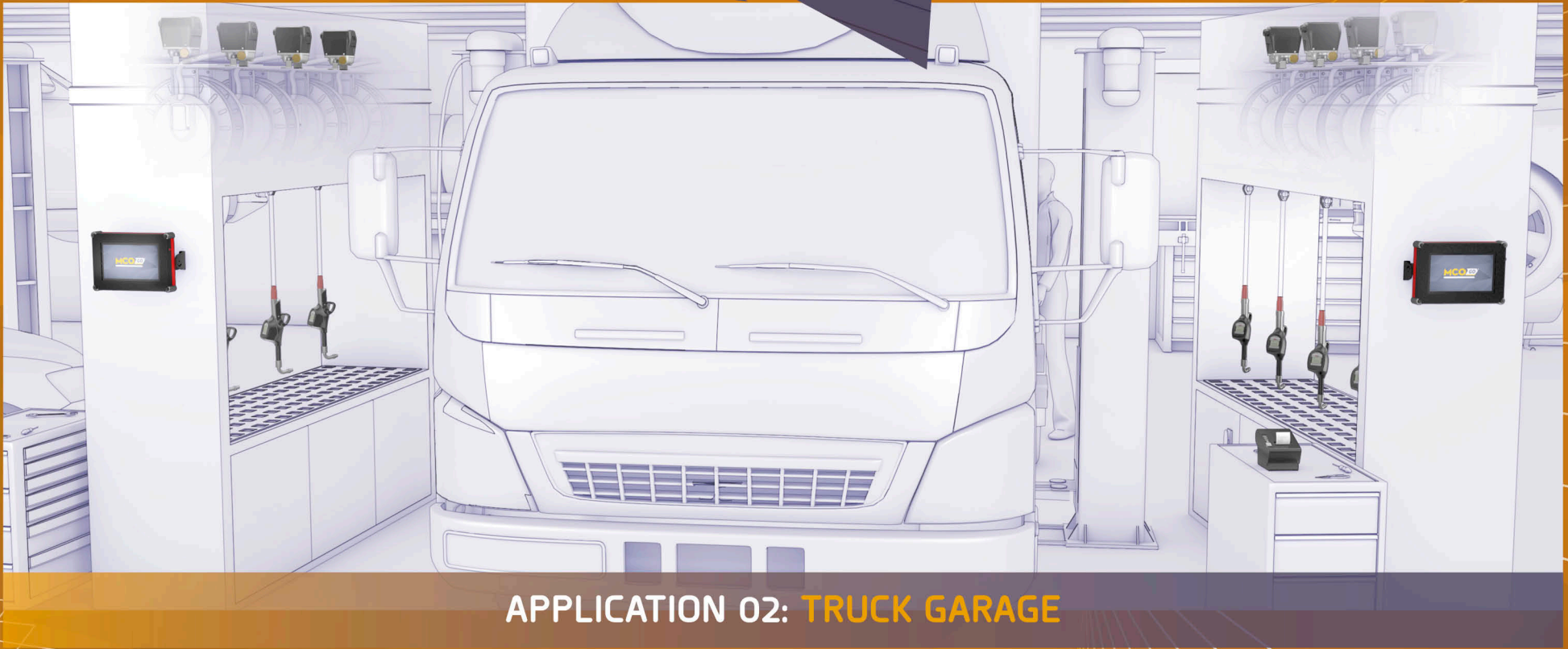
APPLICATION 02: TRUCK GARAGE

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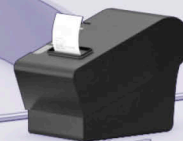each CU can handle up to 6 GPV 2.O.

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**

optional

PRINTER

For a printed report of the dispensing data.

→ page **17**

GPV 2.0

Solenoid electrovalve with integrated flow meter.

→ pages **17 / 19**

optional

CLOUD SOFTWARE MCO GO

For a more detailed analysis of all operations.

→ pages **13 / 15**

optional

EASYVIEW

Oil nozzle with integrated display.

→ page **17**

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!

GPV 2.0*

SWITCH (included)

CONTROL UNIT*

PRINTER (optional)

LAN connection

*Each Control Unit can handle up to 6 GPV 2.0

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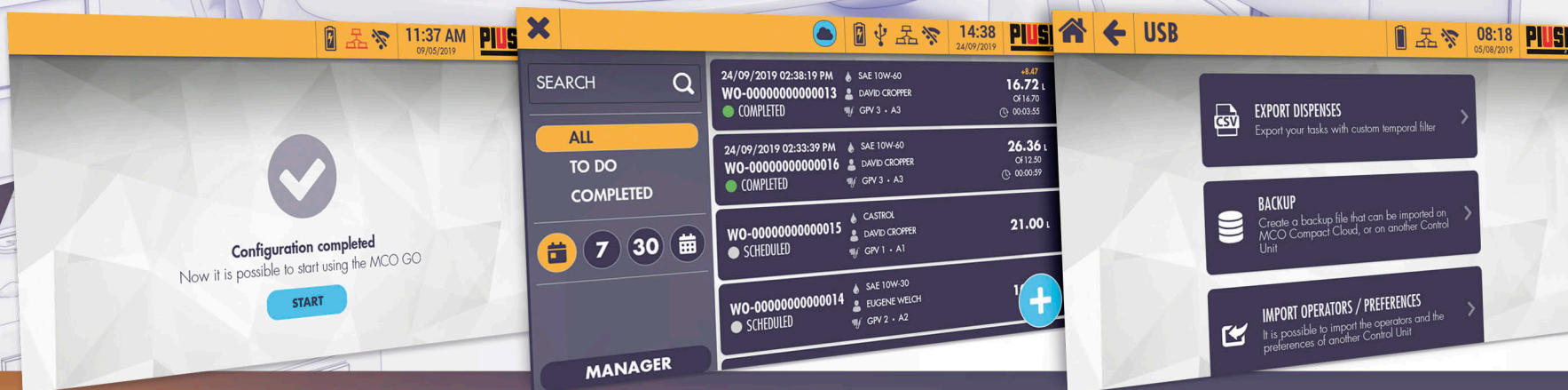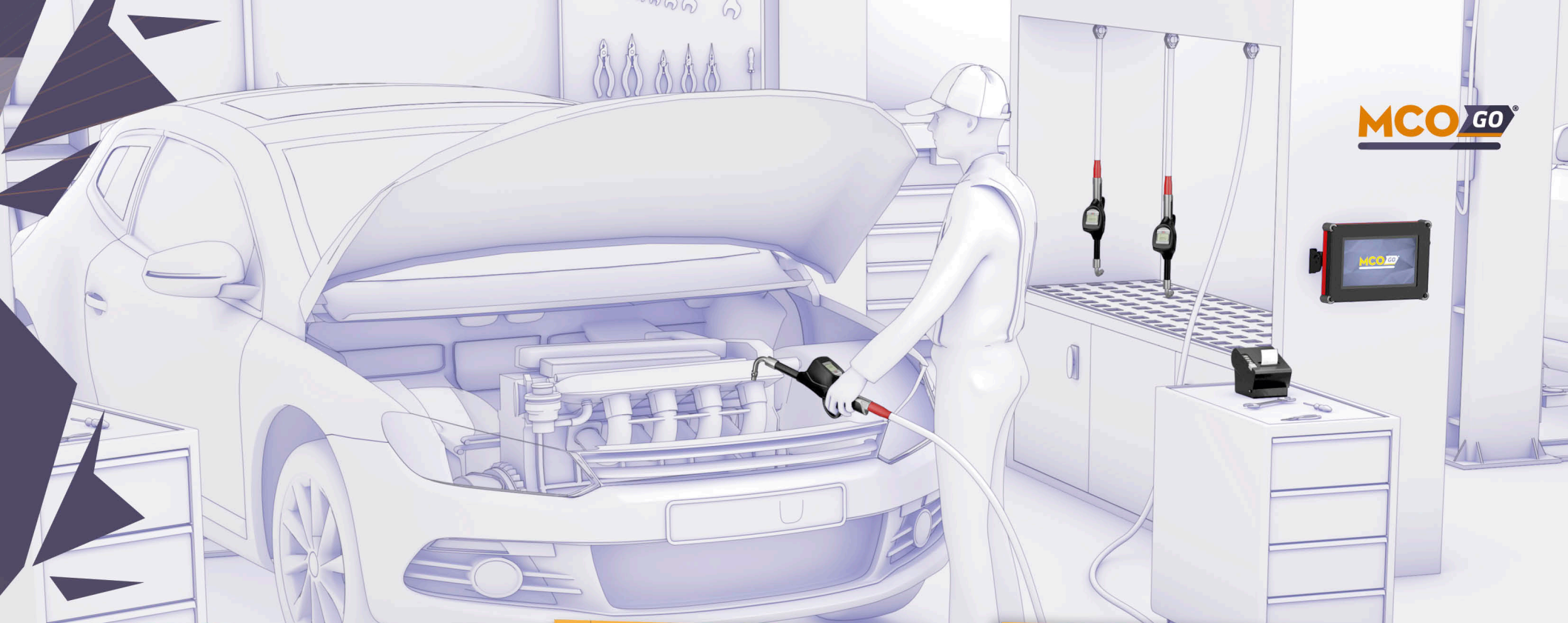
2 **WIRING**
Connect CU and other elements via LAN, using the switch (included)

3 **DISCOVERY**
Start the auto configuration procedure

OPERATION 1: INSTALLATION

Screen 1 (Configuration):

11:37 AM
09/05/2019
PIUSI

Configuration completed
Now it is possible to start using the MCO GO

START

Screen 2 (Dispense list):

14:38
24/09/2019
PIUSI

SEARCH 🔍

ALL
TO DO
COMPLETED

📅 7 30 📅

24/09/2019 02:38:19 PM WO-00000000000013 ● COMPLETED	🛢 SAE 10W-60 👤 DAVID CROPPER ⛽ GPV 3 · A3	**+8.47** **16.72** L Of 16.70 ⏱ 00:03:55
24/09/2019 02:33:39 PM WO-00000000000016 ● COMPLETED	🛢 SAE 10W-60 👤 DAVID CROPPER ⛽ GPV 3 · A3	**26.36** L Of 12.50 ⏱ 00:00:59
WO-00000000000015 ○ SCHEDULED	🛢 CASTROL 👤 DAVID CROPPER ⛽ GPV 1 · A1	**21.00** L
WO-00000000000014 ○ SCHEDULED	🛢 SAE 10W-30 👤 EUGENE WELCH ⛽ GPV 2 · A2	➕

MANAGER

Screen 3 (USB Export):

🏠 ← USB
08:18
05/08/2019
PIUSI

CSV **EXPORT DISPENSES**
Export your tasks with custom temporal filter

BACKUP
Create a backup file that can be imported on MCO Compact Cloud, or on another Control Unit

IMPORT OPERATORS / PREFERENCES
It is possible to import the operators and the preferences of another Control Unit

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1 MANAGE
Create your work orders, activate and monitor them directly form 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 2: 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).

MANAGER 14:21 24/09/2019 **PIUSI**

SETTINGS
Configure the MCO GO the way it best suits you

SITE
Discover and configure the GPV of your site

OPERATORS
Manage the operators and to use MCO

CUSTOMIZE WITH YOUR LOGO

WO-000... ACTIVE
WO-000... SCHEDULE
WO-000... SCHEDULE
WO-000... SCHEDULE

Liters
1.99
12.50
SAE 10W-60 · 3 · A3
CLOSE

SCHEDULED
24/09/2019 02:33:39 PM
WO-0000000000016 COMPLETED
WO-0000000000015 ACTIVE
WO-0000000000014 SCHEDULED

GPV 2 · A3
SAE 10W-60 · DAVID CROPPER · GPV 3 · A3
CASTROL · DAVID CROPPER · GPV 1 · A1
SAE 10W-30 · EUGENE WELCH · GPV 2 · A2
CASTROL

14:32
2.50 L
.00 L
.00 L

16.70 L
26.36 L
Of 12.50
00.00:59
21.00 L
10.00 L

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 .xlxs 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.

USB

08:18
05/08/2019

EXPORT DISPENSES
Export your tasks with custom temporal filter

that can be imported on
ud, or on another Control

S / PREFERENCES
rt the operators and the
her Control Unit

CSV

13:32
25/09/2019

Plug in your USB key, select a temporal range and press **EXPORT**
The corresponding tasks will be exported in a CSV file
Refer to the manual for further information

TODAY | LAST WEEK | LAST MONTH | LAST YEAR | ALL

EXPORT

25/09/2018 - 25/09/2019

Operation completed successfully | OK

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

MCO GO®

CONSOLIDATE DATA
From different **CU** and **workshops**

REPORT
Detailed analysis of all data

TANK MONITORING
Monitor the **calculated tanks' volume***

PIUSI   MCO GO

Username
Admin

Password
••••••••

☐ Show password

Account Code
UT010001

LOGIN

*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

CUSTOMIZE WITH YOUR LOGO

*Updated with each data synchronization

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.O** and **Easyview** dispensing nozzles:

▶ **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.

Standard C14 connector

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 ± 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 ± 0,5%
- ▶ Flow rate 2/30 l/min
- ▶ Operating pressure 70 bar
- ▶ Working temperature -5°C/+40°C
- ▶ 12/24V DC continuous duty
- ▶ Single or double solenoid valve version available

GPV 2.0 DIESEL

Specifically designed **for diesel**:

- ▶ Accuracy ± 0,5%
- ▶ Flow rate 10/100 l/min
- ▶ Operating pressure 30 bar
- ▶ Working temperature -5°C/+40°C
- ▶ 24V DC continuous duty
- ▶ Single valve version available

GPV 2.0 WINDSCREEN

Specifically designed **for windscreen**:

- ▶ Accuracy ± 0,5%
- ▶ Flow rate 1/30 l/min
- ▶ O pressure 70 bar
- ▶ Working temperature -5°C/+40°C
- ▶ 24V DC continuous duty
- ▶ Single valve version available

GPV 2.0 AdBlue®

Specifically designed **for AdBlue®**:

- ▶ Accuracy ± 0,5%
- ▶ F rate 5/120 l/min
- ▶ Operating pressure 10 bar
- ▶ Working temperature -5°C/+40°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.

24V MULTI-PURPOSE OUTPUT
(solenoid valve/contactor)

Diesel
solenoid valve

Windscreen
solenoid valve

AdBlue®
solenoid valve

... ANY 24V VALVE

GPV 2.0 UNIVERSAL

Panther AC*

Viscomat vane*

Viscomat gear*

... ANY ELECTRIC PUMP

* 24V contactor required

GENERIC PULSE METER INPUT

Diesel
pulse meter

PIUSI PULSE METER

Windscreen
pulse meter

AdBlue®
pulse meter

... ANY PULSE METER

YOUR WORKSHOP
AT HAND

With MCO GO and MCO 2.O, 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.

	MCO GO	MCO 2.0
Report	Only with Cloud Software MCO GO*	✔
Number of hose reels	Up to 6/each Control Unit	No limit
Tank level indication	Calculated - only with Cloud Software MCO GO	✔
Ticket printer	✔	✔
Integration with DMS	Export CSV to flash drive or from Cloud Software MCO GO	✔
Network	Not required	LAN/Wi-Fi network required
Management of maintenace&repair tasks	—	✔
Operators Access Control List (ACL)	—	✔
Vehicules and customers management	—	✔
Agenda scheduling	—	✔

*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	VALIDITY
	↘ F00776C00	CONTROL UNIT MCO GO (SWITCH INCLUDED)	100 - 240 V 50 - 60 Hz	/
ACCESSORIES				
	/	TICKET PRINTER MCO GO	/	/
	↘ F20112000	KIT WALL MOUNT BRACKET	/	/

CLOUD SOFTWARE MCO GO (OPTIONAL)

	PART NUMBER	DESCRIPTION	VALIDITY
	/	CLOUD SOFTWARE MCO GO - UP TO 4 CONTROL UNIT	Annual*
	/	CLOUD SOFTWARE MCO GO - UP TO 4 CONTROL UNIT	Triennial*
	/	CLOUD SOFTWARE MCO GO - MORE THAN 4 CONTROL UNIT	Annual*
	/	CLOUD SOFTWARE MCO GO - MORE THAN 4 CONTROL UNIT	Triennial*

*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
	↘ F00446010	**GPV 2.0 · BI VALVE**	O oil	30	7,9	100 - 240 V / 50 - 60 Hz	25
	↘ F00446000	**GPV 2.0 · SINGLE VALVE**	O oil	30	7,9	100 - 240 V / 50 - 60 Hz	25
	↘ F00446060	**GPV 2.0 · SINGLE VALVE** · remote	O oil	30	7,9	100 - 240 V / 50 - 60 Hz	25
	↘ F00446030	**GPV 2.0 · SINGLE VALVE** · windscreen	Ws windscreen	30	7,9	100 - 240 V / 50 - 60 Hz	25
	↘ F00446070	**GPV 2.0 · SINGLE VALVE** · AdBlue®	AdBlue®	120	32	100 - 240 V / 50 - 60 Hz	25
	↘ F00446050	**UNIVERSAL** · Valve and pulser controller	any	/	/	100 - 240 V / 50 - 60 Hz	25
	↘ F00446080	**GPV 2.0 · SINGLE VALVE** · diesel	D diesel	100	31,6	100 - 240 V / 50 - 60 Hz	25

EASYVIEW (OPTIONAL)

	PART NUMBER	DESCRIPTION	FLUIDS	FLOW RATE l/min	CONNECTION	PORT
	↘ F00779010	**EASYVIEW · RIGID**	O oil	up to 30	Zigbee (to GPV 2.0)	1/2" BSP
	↘ F00779000	**EASYVIEW · FLEXIBLE**	O oil	up to 30	Zigbee (to GPV 2.0)	1/2" BSP
	↘ F00976W10	**EASY** · windscreen/antifreeze	Ws windscreen A antifreeze	/	/	1/2" BSP

MCO GO:
SWITCH TO A
CENTRALIZED
LUBRICATION
SOLUTION!

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