










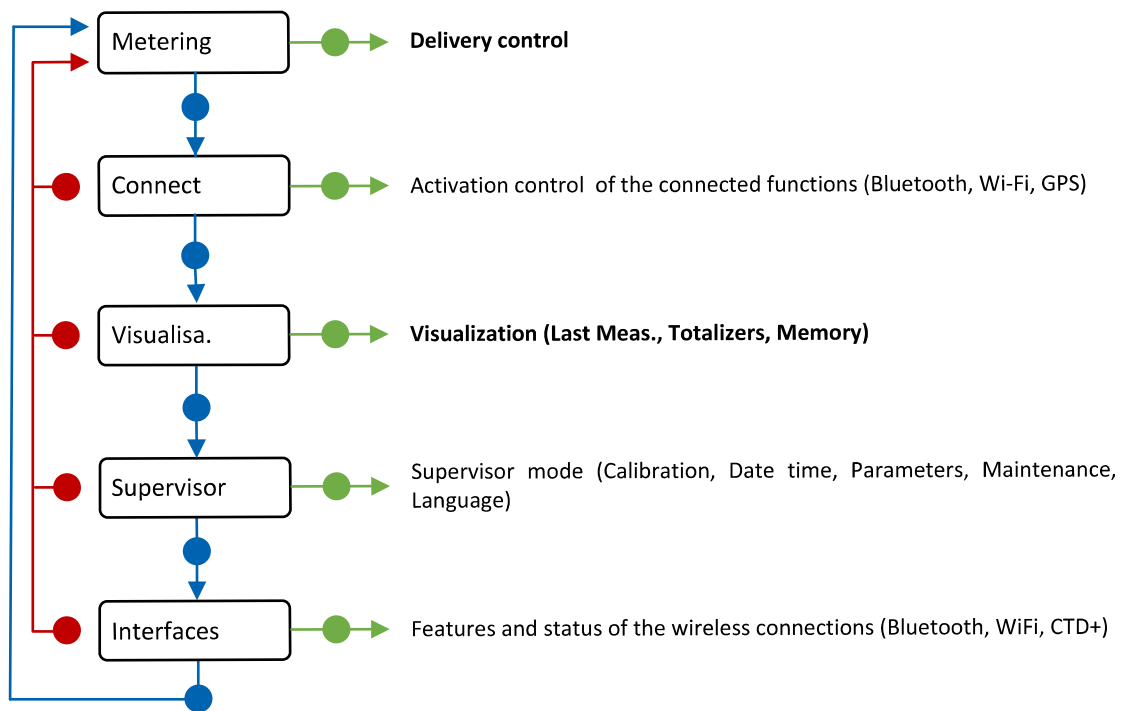


This document sketches out the main menus (please refer to operating manual MU 7081 EN for further information)





## USING THE BUTTONS OF THE UNI-2

-  - Return to previous menu
-  - Increment the flashing figure
-  - Choose the menu options
-  - Select the next digit
-  - Display the delivery information
-  - Validate the menu option
-  - Validate the data
-  - Validate the default
-  - Light the display during 10 seconds
-  - Lighting is inhibited when Wi-Fi is enabled
-  - Reset the display when entering data



*NOTE: From version C, this document describes the connected GRAVICOMPT UNI equipped with a UNI-2. Please see the previous version if your equipment runs with the UNI device.*

### MEANING OF SYMBOLS

-  Mandatory action
-  Optional action
-  Event during delivery
-  Action by operator

# RUN A DELIVERY WITH THE GRAVICOMPT UNI

## 1. PREPARE THE DELIVERY



\* last delivered product

### ▲ 1.1 CHOOSE THE PRODUCT

GASOIL

UNLEADE

...

The choice of the product is validated when metering starts

## 2. CARRY OUT THE DELIVERY

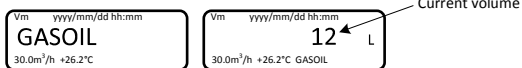
### ⚠ MAKE SURE THE PRODUCT IS OK

NOTE: The unit of flowrate and volume depends on the settings chosen.

👉 Open the valve. Appearance of flowrate resets the volume to zero.

SAVING

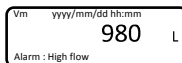
### ▲ 2.1 START THE DELIVERY



Current volume

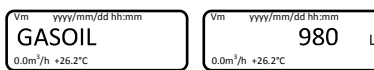
## Interruption of the delivery

### ▶ APPEARANCE OF A FAULT AND DISPLAY OF AN ALARM



● Validate the fault (see list of alarms page 4)

### ▶ THE COMPARTMENT IS EMPTY



Wait the flashing display

👉 Close the valve → End the delivery (§3)  
→ Continue the delivery (§2.1 Start the delivery)

### ▶ INTENTIONAL INTERRUPTION OF THE DELIVERY

The delivery may be interrupted at any time

#### ▲ CLOSE THE VALVE

👉 Close the valve → End the delivery (§3)  
→ Continue the delivery (§2.1 Start the delivery)

## 3. END THE DELIVERY

The recording of the measurement data is done automatically at the end of the measurement, when the flow rate is zero and the time delay has expired. Back to §1

# RUN A DELIVERY WITH THE GRAVICOMPT UNI MPLS

## 1. PREPARE THE DELIVERY



\* last delivered product

### ▲ 1.1 DELIVERY AUTHORIZATION

Appearance of the authorization causes a display test and resets the volume

SAVING

NOTE: The delivery authorization is made by an event with no relation with the meter. Implemented as appropriate.

### ▲ 1.2 CHOOSE THE PRODUCT

GASOIL

UNLEADE

...

Validate with ●

### ▲ 1.3 CHOOSE THE DISTRIBUTION MODE

PRESET

FREE

Validate with ●

### ▲ 1.4 SET THE VOLUME

⚠ With PRESET MODE

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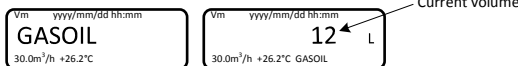
- Change the blinking figure value
- Access to the following figure
- Validate

## 2. CARRY OUT THE DELIVERY

### ⚠ MAKE SURE THE PRODUCT IS OK

NOTE: The unit of flowrate and volume depends on the settings chosen.

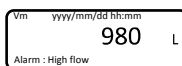
### ▲ 2.1 START THE DELIVERY



Current volume

## Interruption of the delivery

### ▶ APPEARANCE OF A FAULT AND DISPLAY OF AN ALARM



● Validate the fault (see list of alarms page 4)

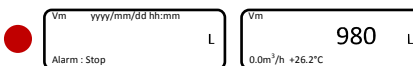
### ▶ THE COMPARTMENT IS EMPTY

● or withdrawal of the authorization

End the delivery (§3)

### ▶ INTENTIONAL INTERRUPTION OF THE DELIVERY

The delivery may be interrupted at any time



● Continue the delivery (§2.1 Start the delivery)  
→ End the delivery (§3)

## 3. END THE DELIVERY

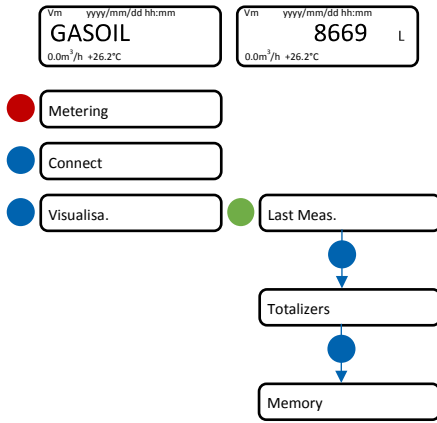
Withdrawal of the authorization at zero flow conditions causes the recording of the last measurement data. Back to §1

## 4. PRINTING OF THE DELIVERY TICKET

👉 If required, add paper into the printer during pouring or at withdrawal of the authorization.

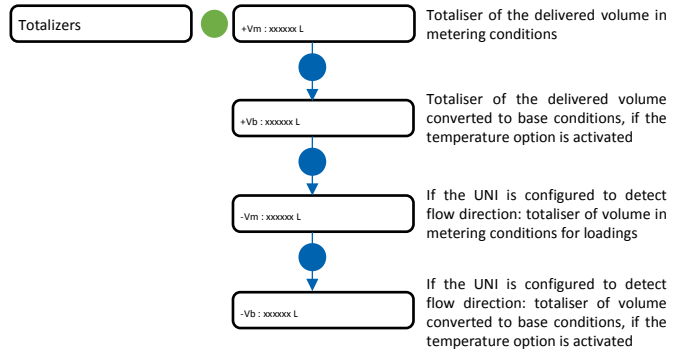
👉 Remove paper when delivery ticket is printed.

# DISPLAY THE DELIVERY DATA



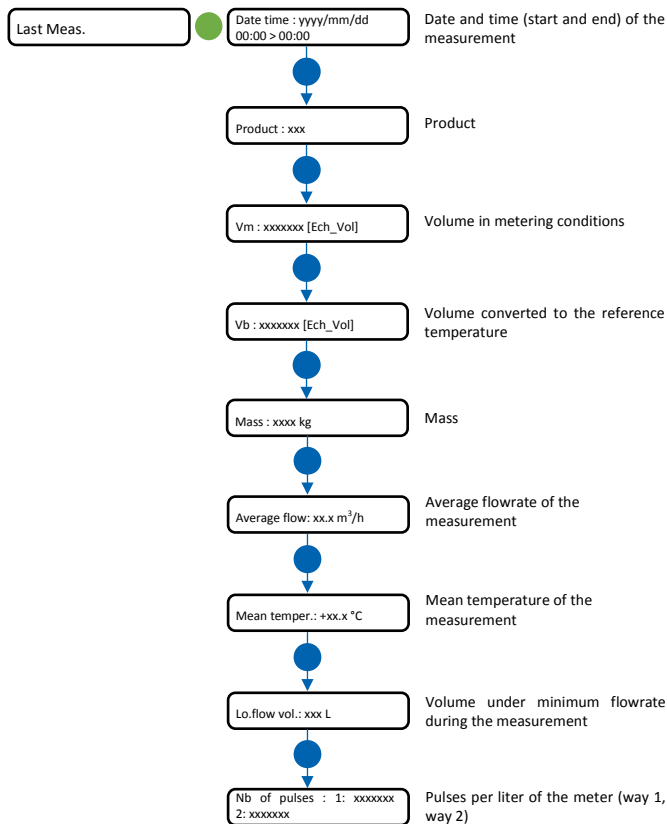
## Totalizers

In case of a dispute, those indications provide proof



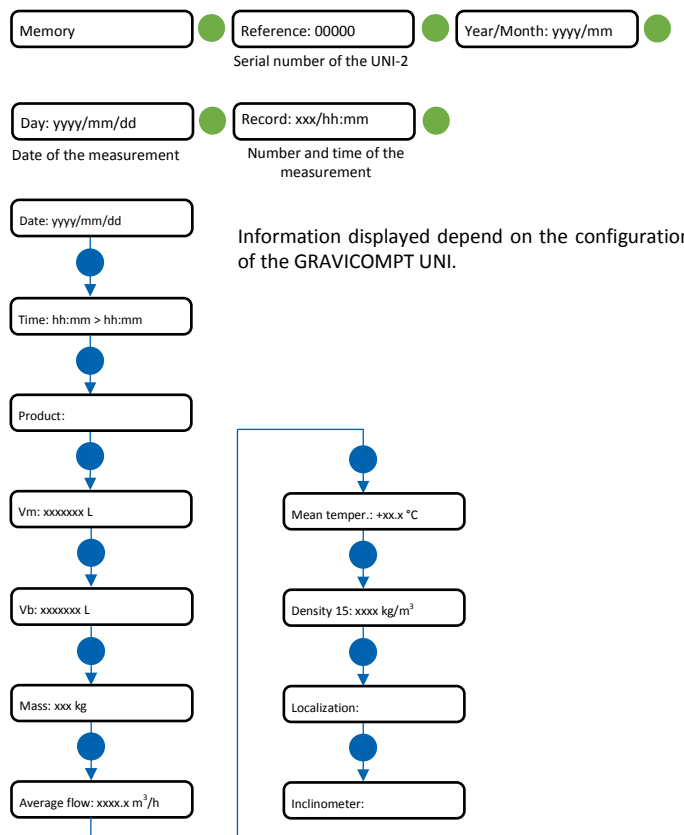
## Last measurement

In case of a dispute, those indications provide proof



## Memory

In case of a dispute, those indications provide proof



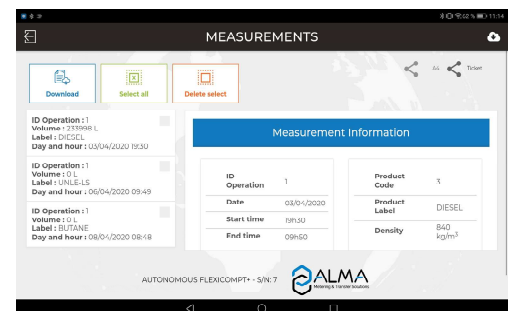
# UPLOAD MEASUREMENT DATA TO A SMARTPHONE OR A TABLET

1. On the UNI-2, start Bluetooth with menu User>Connect>Start BT
2. On the smartphone or the tablet:

- Launch the INSIDE app
- Start Bluetooth and location information (if required)
- On the app, click Bluetooth devices to search for available devices
- Connect the device to the GRAVICOMPT UNI
- Choose MEASUREMENTS then Download
- Enter the dates and valid with OK

The system retrieves the available measurement results over the requested period.

- To edit a ticket as a PDF file, select the measurements then press the button at top right of the screen: A4 for complete results or Ticket.



# LIST OF ALARMS

		DISPLAY	MEANING	ACTION
USER	COMMON	Power supply loss	Power failure during metering, the measurement is no longer guaranteed	Check the reason of the power outage Restore power supply and acknowledge the alarm
		Overflow	Volume greater than 4 194 304 liters	Reset the device
		Low flowrate	Flow rate less than the setting minimal flow rate	Do a check of the hydraulic configuration and the flowing
		Pressure low	Pressure below the minimum threshold	Do a check of the setup / the transmitter status
		Sensor 1	High gas detector fault (GDh)	Use the maintenance menu to do a check of the detector status
		Sensor 2	Low gas detector fault (GDI)	Use the maintenance menu to do a check of the detector status
		Loading	Flow direction change during metering	Do a check of the hydraulic configuration and the flowing
		Bat too low	Battery is not charged enough to light the display or to start Bluetooth, Wi-Fi or GPS	Outside potentially explosive area: ☒ Charge the battery (min 50%)
		Init Bluetooth	Bluetooth module initialization problem	Restart the UNI-2 via the menu Supervisor>Maintenance>Reboot
		Init GPS	GPS module initialization problem	Restart the UNI-2 via the menu Supervisor>Maintenance>Reboot
		Init Wi-Fi	Wi-Fi module initialization problem	Restart the UNI-2 via the menu Supervisor>Maintenance>Reboot
		Stop	Intentional interruption of the discharge	End or continue delivery
		MPLS	Authorization	The authorization has been removed during pouring
Leak	Counting of a volume greater than or equal to 1 liter (metering off)		Acknowledge the alarm to end measurement	
Preset	Volume $\geq$ preset volume+1% the minimum quantity		Acknowledge the alarm	
REPARATOR	COMMON	Flowrates	Inconsistency of the flowrates set in the Coefficients menu	Do a check of the parameters
		Frequency	Exceeding the authorized frequency	Do a check of the consistency of the coefficient and high flowrate settings
		Coefficients	Difference between coefficients 1 and 2 greater than 0.5%	Do a check of the coefficients setup
		Metering	Inconsistency of metering ways	If steady alarm, substitution of the UNI-2
		High flowrate	Flowrate greater than the setting maximum flowrate	Do a check of the consistency between the flowrate measured during pouring and the set value
		Low flow high	Flow greater than 20m <sup>3</sup> /h while GDh dry	Do a check of the parameter low flow goal
		Date time	Loss of date and time	Set date and time in METROLOGICAL mode or use the menu Connect>Start GPS to switch on the GPS. This operation must be done outdoors, it can take up to 5 minutes.
		Gas	GDh is wet but GDI is dry	Do a check of the hydraulic configuration / detector status
		Dry metering	The volume of gas is greater than the minimum measured quantity	Stop metering
		Coil	Loss of pulse transmitter signal	Do a check of the connection with the pulse transmitter
		Temperature	Faulty temperature measure. Temperature less than - 20°C or greater than 50°C	Do a check of the temperature sensor (measure and calibration)
		Pressure	Incorrect measure of pressure	If steady alarm, substitution of the UNI-2
		Display	LCD display fault	If steady alarm, substitution of the UNI-2
		Watchdog	Fault with card	If steady alarm, substitution of the UNI-2
		Program	Error on the checksum of the metrological data	If steady alarm, substitution of the UNI-2
		RAM	Saved memory fault	If steady alarm, substitution of the UNI-2
		Memory	Bad writing into the memory	If steady alarm, substitution of the UNI-2
		Metrological	Loss of configuration	If steady alarm, substitution of the UNI-2
	Low Battery	The battery is no more charging	Substitution of the battery	
	Totalizer	Totalizer fault	If steady alarm, substitution of the UNI-2	
	Memory default	Problem with the measurement integrity: loss of backup data concerning the last measurement	If steady alarm, substitution of the UNI-2	
Micro SD card	Problem with the micro SD card	Make sure the micro SD card is in. Try another one if necessary		
MPLS	Reception	Problem of communication protocol between the UNI-2 and the MPLS	Make sure the device is supported	
	Communication	No more communication on the IRDA link to the MPLS	Do a check of the IRDA link	