FLEXICOMPT AUTONOME+

This document sketches out the main menus (please refer to operating manual MU 7033 EN for further information)

USING THE BUTTONS OF THE UNI-2

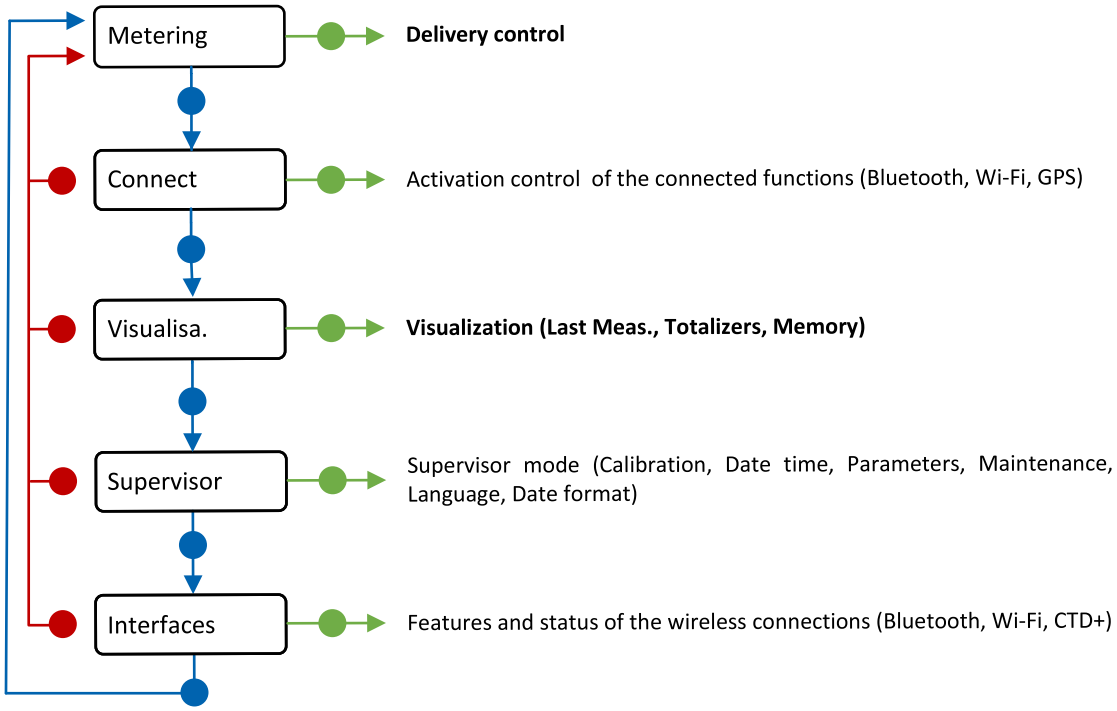
- Return to previous menu
- Increment the flashing figure

- 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 volume to zero and record the data of the last measurement
- Reset the display when entering data



If it's used with AdBlue, the FLEXICOMPT AUTONOME+ must be rinsed with water after use

Recommendations for batteries charge:
- Outside potentially explosive area
- Use only the USB cable and the charging module ALMA WIC, supplied with the equipment
- Only when necessary in order to optimize battery life and avoid premature degradation
- After more than 500 charge/discharge cycles the capacity of the batteries can be degraded, it is then necessary to replace them.

NOTE: From version J, this document describes the connected FLEXICOMPT AUTONOME+ (UNI-2). Please see the previous version if your equipement runs with the UNI device.

GU 7033 EN N - 449v1.01.06 / FORM DOC 124 B

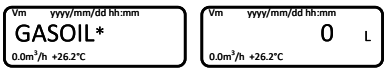
UNLOAD A PRODUCT

1. CONNECT THE FLEXICOMPT AUTONOME+

Install the FLEXICOMPT AUTONOME+ on the compartment valve (respect the slope and rotation angles - see picture on page 1)

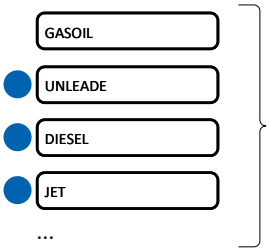
Connect the hose between the FLEXICOMPT AUTONOME+ and the reception tank

2. PREPARE THE UNLOADING



* last unloaded product

▲ CHOOSE THE PRODUCT



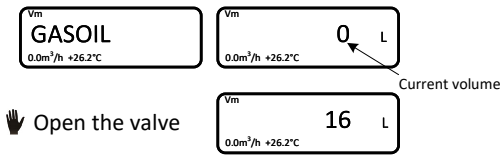
The choice of the product is validated when metering starts

3. CARRY OUT THE UNLOADING

MAKE SURE THE PRODUCT IS OK

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

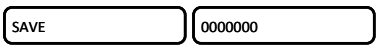
▲ START THE UNLOADING



Open the valve

▲ RESET THE METER

If data recording is automatic, appearance of flowrate resets the volume to zero.



Volume reset

MEANING OF SYMBOLS

▲ Mandatory action

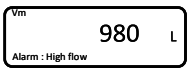
▲ Optional action

▶ Event during delivery

Action by operator

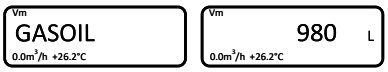
Interruption of the unloading

▶ APPEARANCE OF A FAULT AND DISPLAY OF AN ALARM



Validate the fault (see list of alarms page 4)

▶ THE COMPARTMENT IS EMPTY



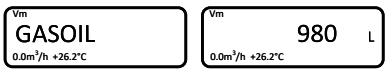
Wait the flashing display

Close the valve → End the unloading (§4)

→ Continue with another compartment by moving the FLEXICOMPT AUTONOME+ (§3)

▶ INTENTIONAL INTERRUPTION OF THE UNLOADING

The unloading may be interrupted at any time by closing the valve



Close the valve → End the unloading (§4)

→ Continue with another compartment by moving the FLEXICOMPT AUTONOME+ (§3)

WHAT DO YOU WANT TO DO?

1 - Continue with another compartment <u>with the same product</u> **(§3)**
2 - Continue with another compartment <u>with another product</u>:
Finish the unloading **(§4)** and start a new one **(§1)**
3 – Finish the unloading:
Reset the meter **(§4)**, remove the FLEXICOMPT AUTONOME+ **(§5)** then end the delivery **(§6)**

4. FINISH THE UNLOADING OF A PRODUIT

▲ DATA RECORDING

If data recording is automatic, the last measurement data is automatically recorded when the time-out set in METROLOGICAL mode is up.

▲ RESET OF THE METER AND DATA RECORDING

The manual recording sequence starts at the end of measurement by pressing RESET. The last measurement data is then recorded and the volume is reset

5. REMOVE THE FLEXICOMPT AUTONOME+

Disconnect the hose between the FLEXICOMPT AUTONOME+ and the reception tank

Remove the FLEXICOMPT AUTONOME+ from the compartment valve

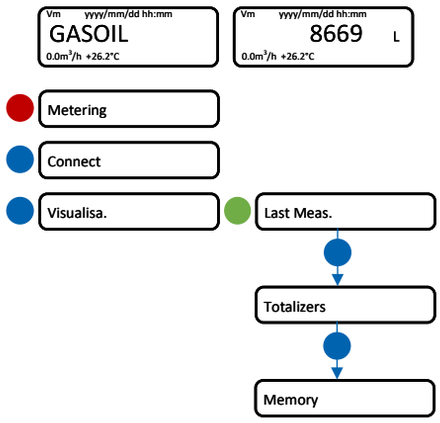
6. END THE DELIVERY

Clean the inlet filter of the FLEXICOMPT AUTONOME+ (if required)

The FLEXICOMPT AUTONOME+ Adblue must be rinsed with water after use in order to clean it and to ensure it works properly

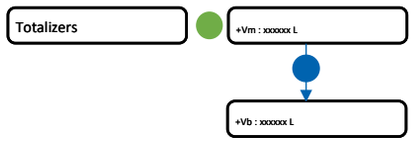
Store the FLEXICOMPT AUTONOME+ in its case

DISPLAY THE DELIVERY DATA



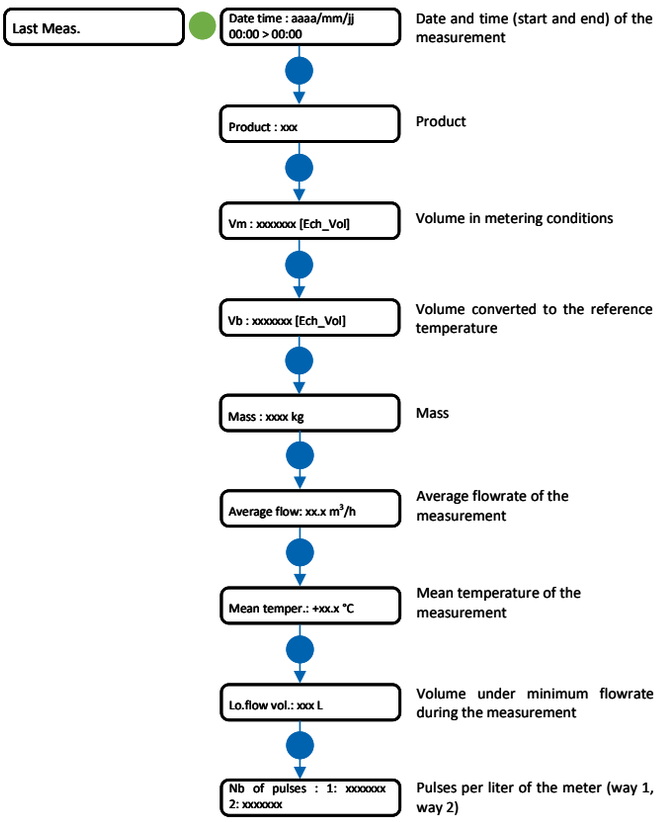
Totalizers

In case of a dispute, those indications provide proof



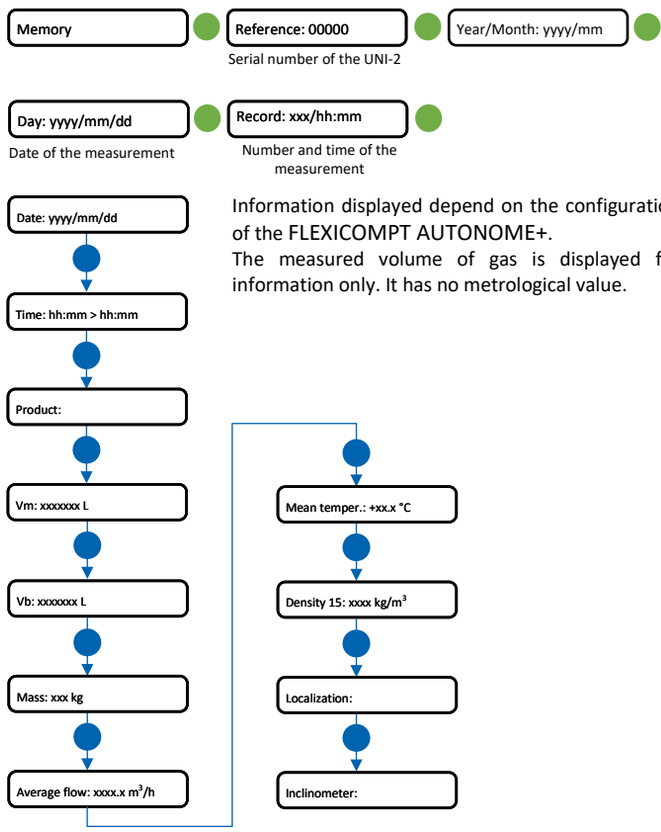
Last measurement

In case of a dispute, those indications provide proof



Memory

In case of a dispute, those indications provide proof



Information displayed depend on the configuration of the FLEXICOMPT AUTONOME+.
The measured volume of gas is displayed for information only. It has no metrological value.

UPLOAD MEASUREMENT DATA TO THE TABLET

1. TRANSFER DATA (BT)

1. On the FLEXICOMPT AUTONOME+, start Bluetooth with menu User>Connect>Start BT
2. On the tablet:
   - Launch the INSIDE app
   - Start Bluetooth (and location information if required)
   - Click Bluetooth devices to display available devices
   - Connect the tablet to the FLEXICOMPT AUTONOME+ Bluetooth device (E.g.: AQ-0001)
   - 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 measurement(s) then press the button Ticket.

2. TRANSFER DATA WITH THE CTD+ KEY

The CTD+ is not ATEX, this operation must be done outside potentially explosive area.

Do not connect the USB cable to the CTD+ during data transfert.

Recommendations for a successful transfer:
- Check the CTD+ battery (see FM 8014)
- Place the CTD+ as recommended so that the UNI/ UNI-2 detects it (please refer to the GU 7110)
- Do not plug the USB cable during data transfer
- Do not remove the CTD+ before the file transfer to complete.

If the message FAIL appears, repeat the procedure step by step and follow the above recommendations.

LIST OF ALARMS

		DISPLAY	MEANING	ACTION
USER	COMMON	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
		No flowrate	No flowrate	Do a check of the hydraulic configuration and the flowing
		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 (GDl)	Use the maintenance menu to do a check of the detector status
		Failure	Problem with the transfer of the files to the CTD+	See GU 7110
		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
REPARATOR	COMMON	Flowrates	Flow setting fault	Do a check of the parameters
		Frequency	Frequency fault	Do a check of the parameters
		Coefficients	Difference two coefficients is greater than 0.5%	Do a check of the coefficients setup
		Metering	Problem of metering with the meter	Do a check of the parameters
		High flowrate	Flowrate greater than the setting maximum flowrate	Do a check of the parameters
		Low flow high	Flow greater than 20m³/h while GDh dry	Do a check of the parameters
		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 lasts one minute to synchronize the clock
		Gas	GDh is wet but GDl is dry	Do a check of the hydraulic configuration / detector status
		Dry metering	When using a pump. 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)
		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
		Totaliser	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