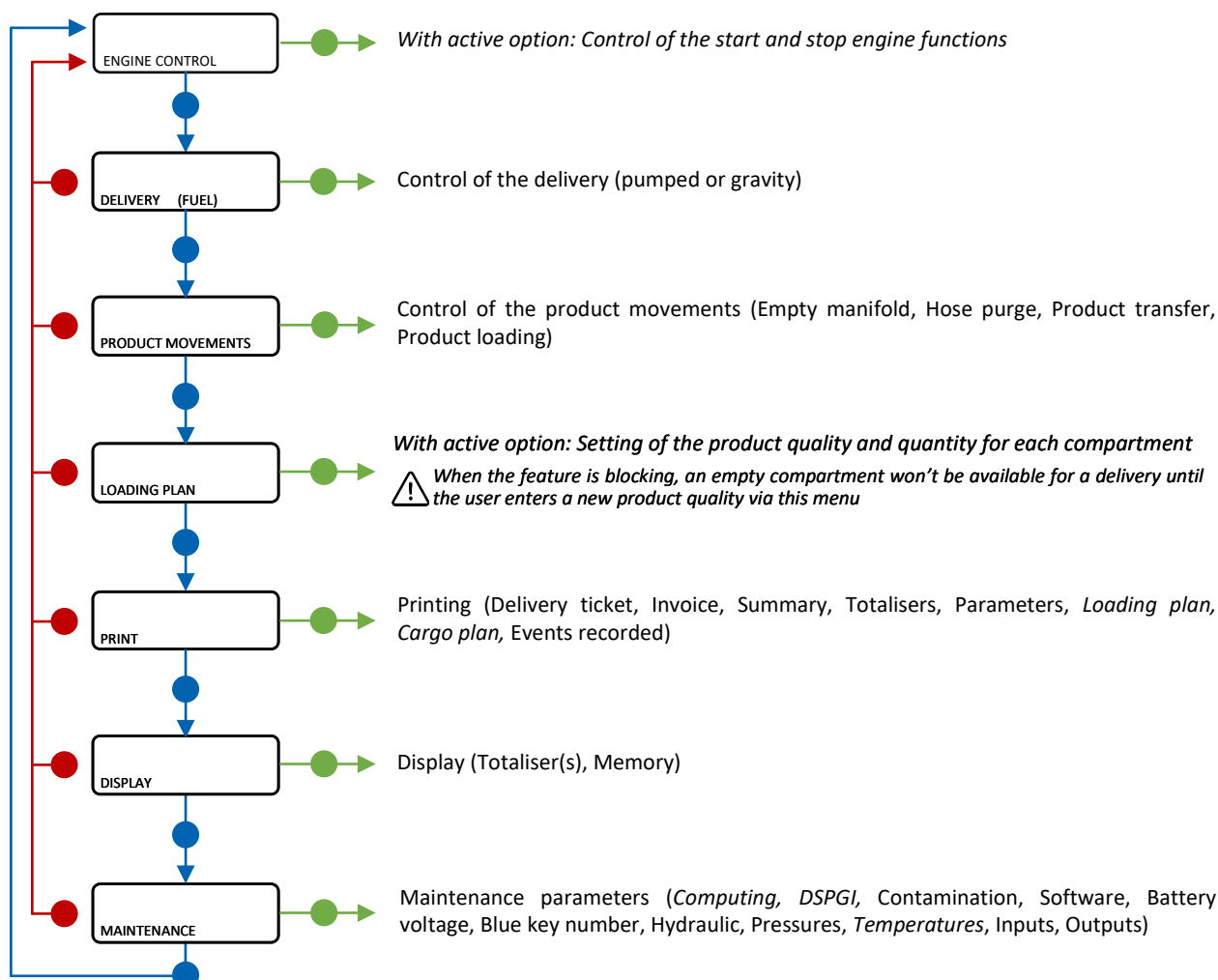










This document sketches out the main menus (please refer to operating manual MU 7071 EN for further information)

USING THE BUTTONS OF THE MICROCOMPT+

- - Come back to the previous step
- - Choose the menu options
- - Validate the menu option
- - Increment the blinking Digit
- - Select the next digit
- - Validate the data
- - Display the delivery information
- - Validate the default

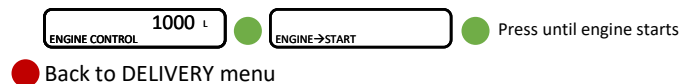


	Left-hand LED: Bluetooth or Wi-Fi		Middle LED: GSM / GPS		Right-hand LED: NFC (RFID)	
Steady light	Bluetooth	Connection OK		Waiting for internet connection		
	Wi-Fi			Internet connection OK		
		Waiting for initialization		Waiting for initialization		
Flashing light	Bluetooth	Slow flashing: Waiting for connection		GPS OK		Authentication of the RFID key OK
	Wi-Fi					
	Bluetooth	Rapid flashing: Communication in progress		Transfer in progress		RFID key not accepted, but authentication is ok
	Wi-Fi					
		Initialization error		Initialization error		Authentication error of the RFID key

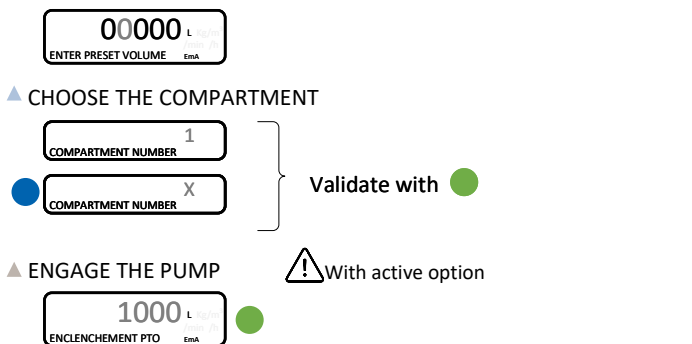
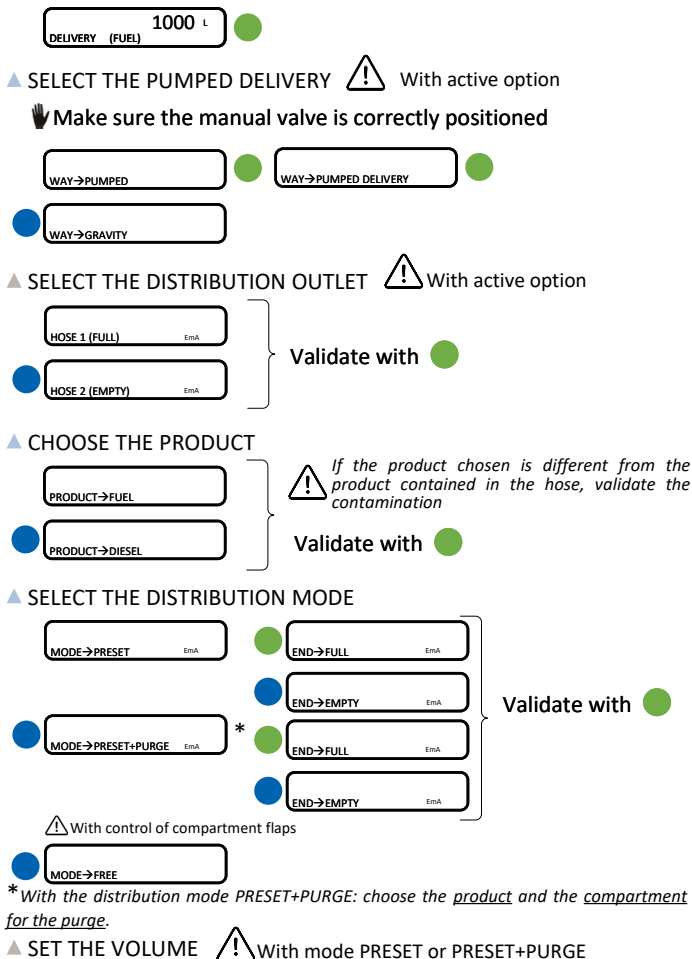
RUN A PUMPED DELIVERY

1. POWER UP AND START THE ENGINE

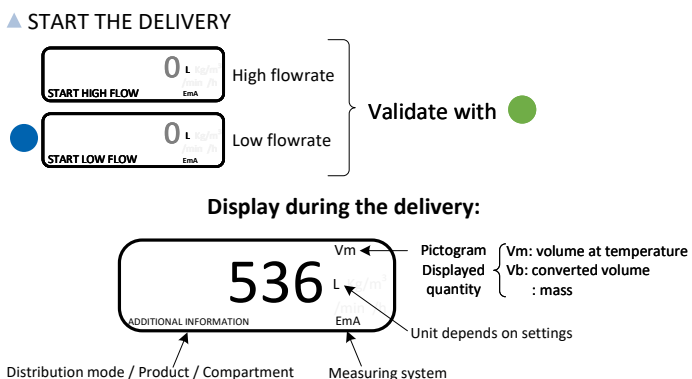
Power up (battery isolation switch)



2. PREPARE THE PUMPED DELIVERY



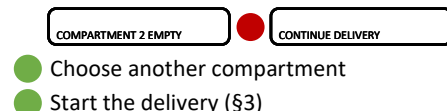
3. CARRY OUT THE DELIVERY



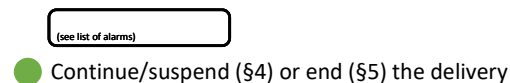
Interruption of the delivery

If the delivery is interrupted, inappropriate manipulation of the push buttons can open the DISPLAY menu (totalizers, memory). In this case, simply press the red push button to return to DISPLAY and then the blue push button to return to DELIVERY STOP. Validate by pressing the green push button to select the next step (§4 or 5).

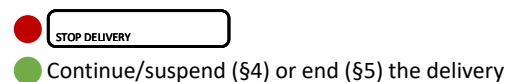
► THE COMPARTMENT IS EMPTY



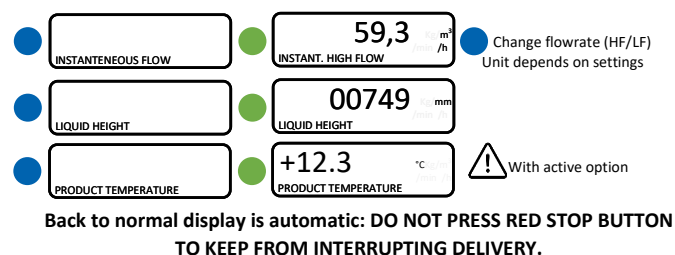
► APPEARANCE OF A FAULT AND DISPLAY OF AN ALARM



► INTENTIONAL INTERRUPTION OF THE DELIVERY



Display the delivery information

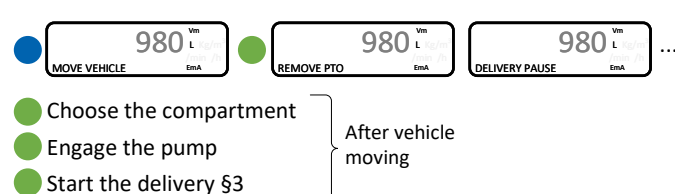


4. CONTINUE OR SUSPEND THE DELIVERY

► CONTINUE THE DELIVERY



► SUSPEND THE DELIVERY TO MOVE THE VEHICLE

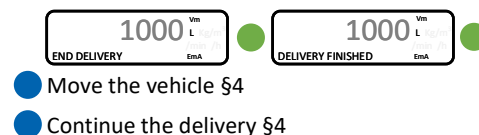


5. END THE DELIVERY

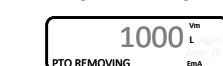
► END WITH PURGE (With PRESET+PURGE mode)



► END THE DELIVERY



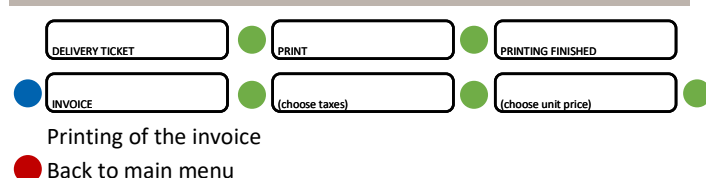
► REMOVE THE PUMP (With active option)



6. STOP THE ENGINE



7. PRINT THE DELIVERY DOCUMENTS



MEANING OF SYMBOLS

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

RUN A GRAVITY DELIVERY

1. PREPARE THE OPERATION

DELIVERY 1000 L

▲ SELECT THE GRAVITY DELIVERY

Make sure the manual valve is correctly positioned

WAY→PUMPED
WAY→GRAVITY

▲ CHOOSE THE COMPARTMENT

COMPARTMENT NUMBER 1
COMPARTMENT NUMBER X
...
END DELIVERY?

Validate with

Choose this menu when all the operations of a same delivery have been carried out (§4)

▲ CHOOSE THE PRODUCT

PRODUCT→FUEL
PRODUCT→DIESEL

Validate with

▲ SELECT THE DISTRIBUTION MODE

MODE→PRESET
MODE→FREE

END→FULL
END→EMPTY

Validate with

▲ SET THE VOLUME ! With PRESET MODE

00000 L
ENTER PRESET VOLUME

2. CARRY OUT THE OPERATION

▲ START THE OPERATION

CX/GO /START 300 L
FILLING 0 L

Display during the delivery:

536 L

ADDITIONAL INFORMATION

Unit depends on settings

Compartment / Product / Distribution mode

Measuring system

Pictogram
Displayed quantity
Vm: volume at temperature
Vb: converted volume
: mass

Interruption of the delivery

► APPEARANCE OF A FAULT AND DISPLAY OF AN ALARM

(see list of alarms)

Continue or stop the operation (§3)

► INTENTIONAL INTERRUPTION OF THE DELIVERY

STOP OPERATION

Continue or stop the operation (§3)

Display the information

INSTANTANEOUS FLOW 59,3 m³/h
INSTANT. HIGH FLOW
LIQUID HEIGHT 00749 mm
LIQUID HEIGHT
INSTANT. TEMPERATURE +12.3 °C
INSTANT. TEMPERATURE

Change flowrate (HF/LF)
Unit depends on settings

With active option

Back to normal display is automatic: DO NOT PRESS RED STOP BUTTON TO KEEP FROM INTERRUPTING DELIVERY.

3. CONTINUE OR STOP THE OPERATION

▲ CONTINUE THE OPERATION

980 L
CONTINUE OPERATION

Start operation §2

▲ END THE OPERATION

980 L
END OPERATION

980 L
DRAINING

980 L
DRAINING FINISHED

With PRESET MODE, END→ EMPTY

Back to compartment selection §1

5. END THE DELIVERY

▲ END THE DELIVERY

0 L
CX / GO

Press repeatedly until the message END DELIVERY is displayed

END DELIVERY?
DELIVERY TICKET

Cancel printing
Validate printing

7. PRINT THE DELIVERY DOCUMENTS

PRINT
PRINTING FINISHED
INVOICE

(choose taxes)
(choose unit price)
(set the unit price)

Printing of the invoice

Back to main menu

LIST OF ALARMS

		DISPLAY	MEANING	ACTION
USER	COMMON	DELIVERY STOP	Intentional interruption of the discharge	Continue, stop or finish delivery or product return
		EMERGENCY SHUTDOWN	Emergency stop triggered by remote control	Continue, stop or finish delivery or product return
		EC COMM.DEFAULT	Communication problem with the embedded computing	Try again and switch to degraded mode if the problem persists. COMPUTING→WITHOUT EC (DEGRADE)
		PRINTER DEFAULT	Communication with the printer lost	Make sure the connections are ok: cable, on-off switch and fuse
		The ticket is jammed	Jammed paper in the printer	Use the RELEASE button to eject the paper
		POWER SUPPLY PROBLEM	Power outage during operation	Check the cause / Restore power supply
		PTO DEFAULT	Inconsistency PTO return / run command	Check the power take-off status in the driver's cab
		DSPGI DEFAULT	Communication problem with the DSPGI	Make sure the DSPGI device is in operation
		INCOHERENCE WAY C/NC	Inconsistent choice for Pumped Counted/Pumped Not Counted circuit	Make sure the manual selection valves are well-positioned
		OVERFILL DEFAULT	Overfill detected on a compartment	Transfer the product in another compartment
		PURGE NOT FINISHED	The purge sequence is not finished	Finish the purge of the manifold (and/or hose)
		FLOW PUMP DEFAULT	No flow after switching on the pump	If necessary, adjust the timer parameter
		ADDITIVATION FAULT	Problem with the additive system (cannot be managed properly)	Check the additive system
		ADDITIVE Y LOW LEVEL	(Y=1 or 2) Low level of the additive tank	Fill the additive tank
		ADDITIVE Y CONTROL	(Y=1 or 2) Non-guaranteed injection of the additive rate	Check the hydraulic system
		OVERFILL CLIENT DEF.	Overfill detected on the customer tank	End delivery
	EMA	EMA LOW FLOW DEFAULT	Flow<Qmin consecutively during 0,2*MMQ	Check the parameters and the hydraulic system (valve, strainer, nozzle...)
		EMA HIGH FLOW DEFAULT	Flow>Qmax consecutively during 3 sec	Check the parameters / Reduce flowrate
		EMA METERING PROBLEM	Inconsistency of metering channels	Make sure the pulse emitter indicators are blinking and the wiring is well done / Change the pulse emitter if required
		EMA PULSES PROBLEM	Problem with the metering pulses	Make sure the pulse emitter indicators are blinking and the wiring is well done / Change the pulse emitter if required
		EMA TEMPER. DEFAULT	Temperature determination failure T<Tmin or T>Tmax	If steady alarm, see a reparator for trouble shooting
		EMA K-FACTOR DEFAULT	Deviation between coefficients K1 and K2 greater than 0.5%	Change the low-flow coefficient (K1)
		EMA TOTALISER LOST	Totalisers integrity problem	Substitution of the backup battery
		EMA PRESSURE DEFAULT	Pressure sensor out of range 4/20 mA	If steady alarm, see a reparator for trouble shooting
		EMA DG-3001 DEFAULT	Problem with the gas detector	Use the maintenance menu to do a check of the detector status
		EMA CONVER. DEFAULT	Problem during volume conversion	Make sure the set density is consistent
REPARATOR	COMMON	LEAK DETECTED	Metering detection without measurement	Make sure the check valve is tight
		GAZ DETECTED	Detection of air during high flow delivery	See a reparator for troubleshooting
		DISPLAY DEFAULT	Integrity problem between the display and the display RAM proofreading	If steady alarm, substitution of the display card
		WATCHDOG DEFAULT	Triggering the watchdog function	Switch on-off the MICROCOMPT+ If steady alarm, substitution of the faulty card If steady alarm, substitution of the faulty card
		DATE AND TIME LOST	Problem with the clock	Set date and time
		DIARY DEFAULT	The events diary is lost	Acknowledge the alarm, make sure the date is ok If steady alarm, substitution of the backup battery
		MEMORY LOST	The measurements diary is lost	Acknowledge the alarm (enter then exit the metrological mode) If steady alarm, substitution of the backup battery Acknowledge the alarm (enter then exit the metrological mode) If steady alarm, substitution of the backup battery
		MEMORY OVER LOADED	Measurement storage area saturated (too many registrations over 90 days)	Acknowledge the alarm (enter then exit the metrological mode) If steady alarm, substitution of the backup battery
		BOOT LOADER DEFAULT	Inconsistency between the app and the version of the boot loader	Match the application software with the boot loader
		PARAMETER LOST	No more integrity of a secured memory area (SUPERVISOR parameters, preset end coeff...)	Acknowledge the alarm If steady alarm, substitution of the backup battery
		EEPROM MEMORY FAIL	Loss of metrological parameters	Substitution of the AFSEC+ electronic card
		SAVE MEMORY DEFAULT	Integrity problem with memorized data	Substitution of the AFSEC+ electronic card
		FRAME WORK DEFAULT	Integrity problem with software	Substitution of the AFSEC+ electronic card