


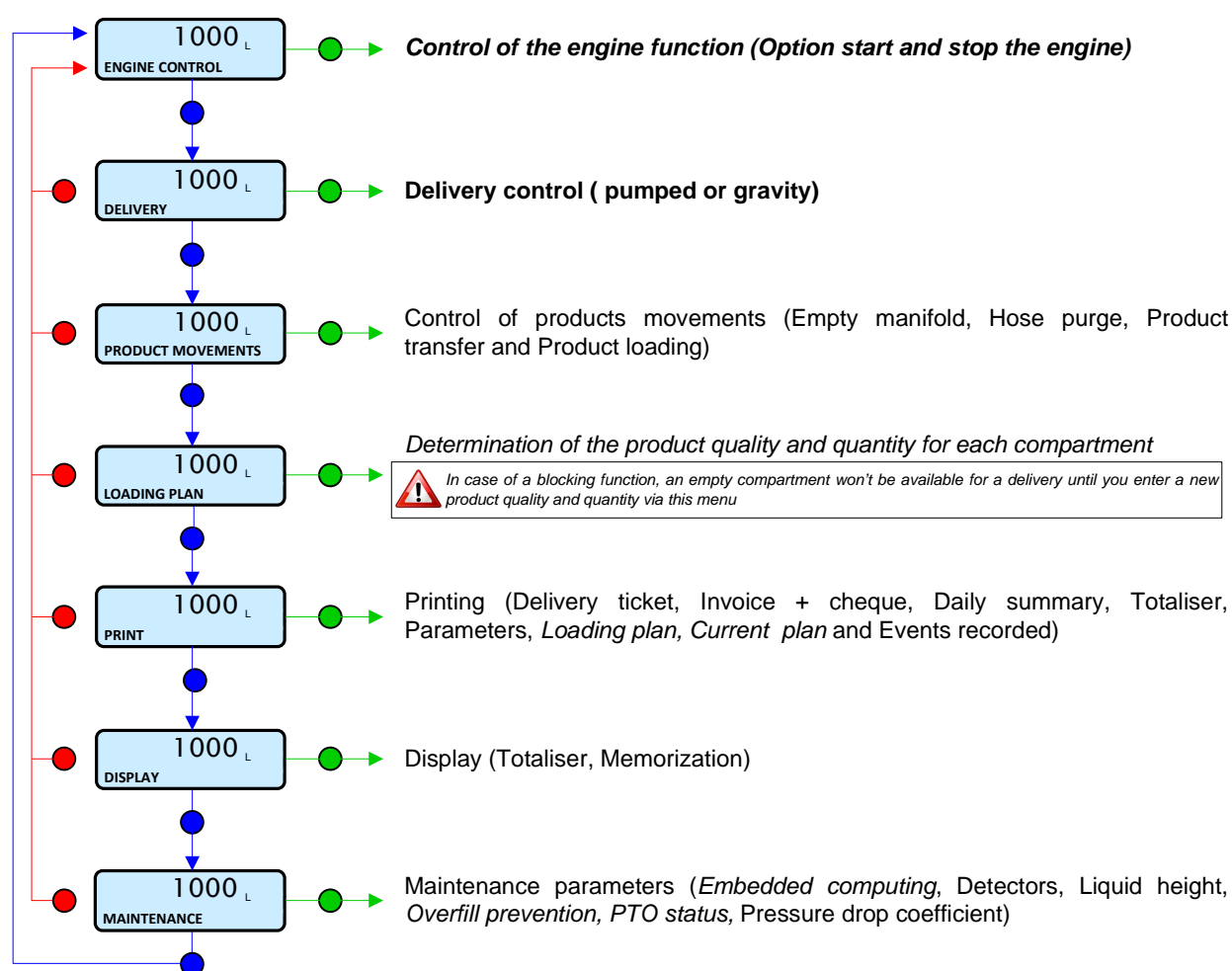


	OPERATING GUIDE GRAVITRONIQUE	GU 7071 EN B www.alma.alma.fr
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This document sketches out the main menus (please refer to operating manual MU 7071 EN for further information).

USING THE BUTTONS

-  - Come back to the previous stage
- Increment the blinking figure
-  - Choose the menu option
- Access to the following figure
-  - Validate the displayed option
- Validate the entry data



RUN A PUMPED DELIVERY

1. POWER UP AND START THE MOTOR

Power up (battery isolation switch)

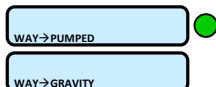


● Back to DELIVERY menu

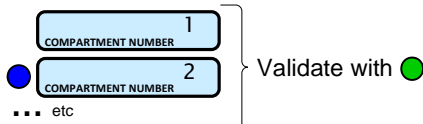
2. PREPARE THE PUMPED DELIVERY



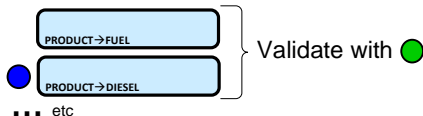
▲ SELECT THE PUMPED DELIVERY



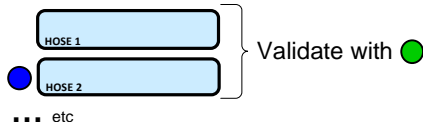
▲ CHOOSE THE COMPARTMENT ⚠ With active option



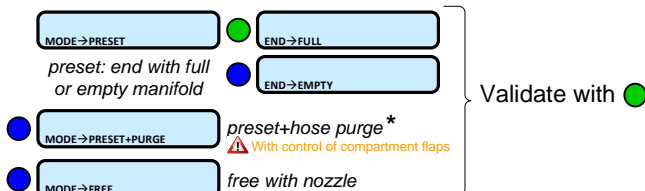
▲ CHOOSE THE PRODUCT



▲ SELECT THE DISTRIBUTION OUTLET ⚠ With active option



▲ SELECT THE DELIVERY MODE



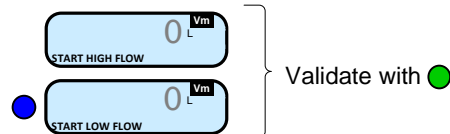
▲ SET THE VOLUME ⚠ With PRESET or PRESET+PURGE MODE



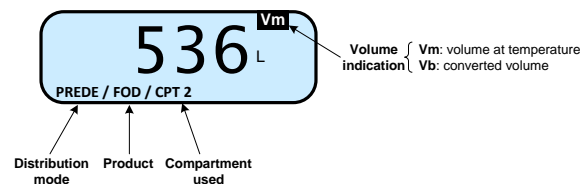
- Change the blinking figure value
- Access to the following figure
- Validate the entry data

3. CARRY OUT THE DELIVERY

▲ START THE DELIVERY

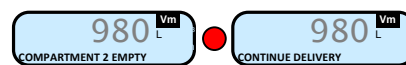


Display during delivery:



The delivery may be interrupted by several situations:

► THE COMPARTMENT IS EMPTY



- Choose another compartment
- Start delivery §3

► APPEARANCE OF A FAULT AND DISPLAY OF AN ALARM



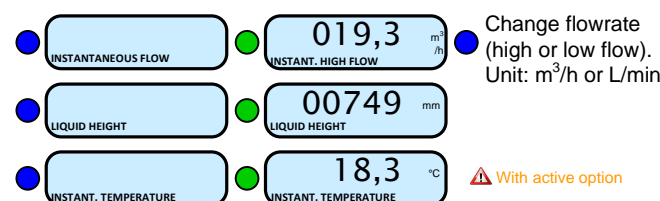
- Continue/stop (§4) or end (§5) the delivery

► INTENTIONAL INTERRUPTION OF THE DELIVERY



- Continue/stop (§4) or end (§5) the delivery

▲ DISPLAY DELIVERY INFORMATION



Back to normal display is automatic:
DO NOT PRESS RED STOP BUTTON.

4. CONTINUE OR STOP THE DELIVERY

▲ CONTINUE THE DELIVERY



- Start the delivery §3

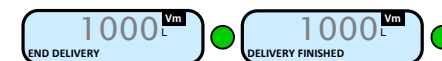
▲ STOP THE DELIVERY (move the vehicle)



- Choose the compartment ⚠ With active option
 - Start the delivery §3
- After having moved the vehicle

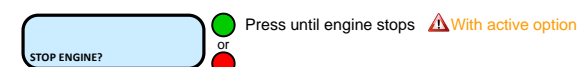
5. END THE DELIVERY

FINISH THE DELIVERY



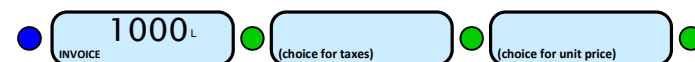
- Move the vehicle (§4)
- Continue the delivery (§4)

6. STOP THE ENGINE



7. PRINT THE DELIVERY DOCUMENTS

✎ Add paper in printer



Printing of invoice
Printing of cheque

- Back to main menu

MEANING OF SYMBOLS

- ▲ Mandatory action
- ▲ Optional action (depends on configuration chosen)
- Event during delivery
- ✎ Action by operator

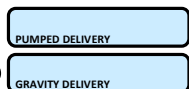
*Only with full hose No. 1. With the distribution mode PRESET+PURGE choose the product and the compartment used for the purge.

RUN A GRAVITY DELIVERY

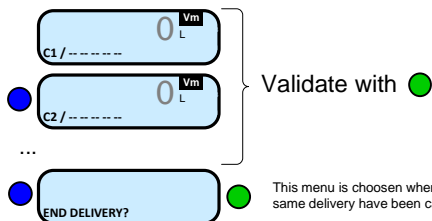
1. PREPARE THE OPERATION



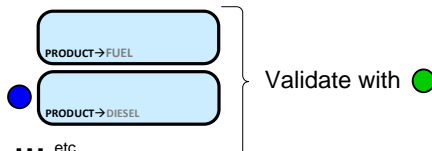
▲ SELECT THE GRAVITY DELIVERY



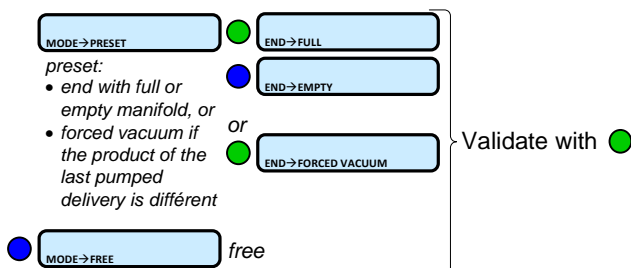
▲ CHOOSE THE COMPARTMENT



▲ CHOOSE THE PRODUCT



▲ CHOOSE THE DELIVERY MODE



▲ SET THE VOLUME

▲ With PRESET MODE



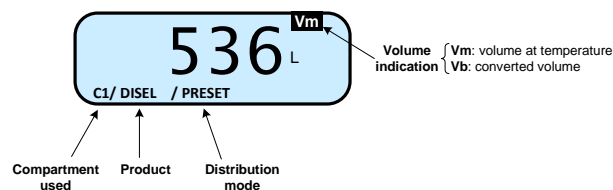
- Change the blinking figure value
- Access to the following figure
- Validate the entry data

2. CARRY OUT THE OPERATION

▲ START THE OPERATION



Display during discharge:



The delivery may be interrupted by several situations:

► APPEARANCE OF A FAULT AND DISPLAY OF AN ALARM



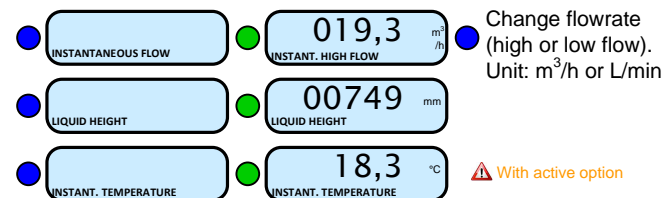
- Continue or stop the operation (§3)

► INTENTIONAL INTERRUPTION OF THE OPERATION



- Continue or stop the operation (§3)

▲ DISPLAY DISCHARGE INFORMATION



Back to normal display is automatic:
DO NOT PRESS RED STOP BUTTON.

3. CONTINUE OR STOP THE OPERATION

▲ CONTINUE OPERATION



▲ END THE OPERATION



Back to compartment selection menu §1

4. END THE DELIVERY



5. PRINT THE DELIVERY DOCUMENTS

Hand Add paper in printer before validation ●



Printing of invoice
Printing of cheque

- Back to main menu

MEANING OF SYMBOLS

- ▲ Mandatory action
- ▲ Optional action (depends on configuration chosen)
- Event during delivery
- Hand Action by operator

LISTE DES ALARMES

		DISPLAY	MEANING	ACTION
USER	COMMON	STOP DELIVERY	Intentional interruption of discharge	Continue, stop or finish the operation
		PRINTER DEFAULT	No more communication with the printer	Check the connection cable, on-off switch and fuse
		POWER SUPPLY PROBLEM	Power outage during delivery	Check the cause / Restore power supply
	PUMPED	ZERO FLOW DEFAULT	Zero flow	Check if the pulse transmitter is powered (red indicators)
		LOW FLOW DEFAULT	Low flowrate (less than 4m ³ /h)	Check the hydraulic system (valve, strainer, nozzle...)
		HIGH FLOW DEFAULT	High flowrate (greater than maximum flowrate)	Check the parameters / Reduce flowrate
		DIARY DEFAULT	Reset of the events diary	Acknowledge the alarm, check the date in supervisor mode (magnet key)
		GAS DETECTOR DEFAULT	End-of-counting detector failure	Use the maintenance mode to check the status of the detector
		EMA METERING PROBLEM	Metering problem with the measuring device	Check if the pulse transmitter is powered (red indicators),
REPAIRER	COMMON	PTO DEFAULT	Coherence failure with power take-off	Check the power take-off status in driver's cab
		OVERFILL DEFAULT	Overfilling during a product movement	Transfer product in another compartment
		RUPTURE GD DEFAULT	Rupture detector failure	Use the maintenance mode to check the status of the detector
	GRAVITY	PURGE NOT FINISHED	Purge of manifold (and/or hose) not finished	Finish the purge of the manifold (and/or hose)
		MANIFOLD NOT EMPTY	The manifold is not empty at the beginning of the operation	Follow the manifold release sequence
		FILLING DEFAULT	The manifold is not full of product	Fill the manifold
	PUMPED	FLAP LEAK DEFAULT	Product leakage from a flap	Check the flap
		DISPLAY DEFAULT	Problem with display card	If steady alarm, substitution of the display card
		WATCHDOG DEFAULT	Fault with display or power card or AFSEC+ card	Switch on-off the MICROCOMPT+ /
		VOLUME CONVER DEFAULT	Problem during conversion of volume	If steady alarm, substitution of the faulty card
		TOTALISER LOST	Loss of totalizer	If steady alarm, substitution of the AFSEC+ electronic card
		PRESSURE DEFAULT	Pressure determination failure	Substitution of the backup battery
REPAIRER	PUMPED	TEMPERATURE DEFAULT	Temperature determination failure	If steady alarm, see a reparator for trouble shooting
		MEMORY LOST (PILE)	Loss of saved memory	If steady alarm, see a reparator for trouble shooting
		MEMORY LOST	Delivery diary lost	Substitution of the backup battery
	BLOCKING	DATE AND TIME LOST	Loss of date and time	Enter and exit the METRO mode /
		COEFFICIENTS DEFAULT	Deviation between coefficient LF/HF greater than 0.5%	If steady alarm, substitution of the backup battery
		GAS DEFAULT	Detection of air during high flow delivery	Set date and time in supervisor mode (magnetic key)
		PROM DEFAULT	Loss of software or resident integrity	Modification of the low flow coefficient (K1)
		RAM DEFAULT	Saved memory fault	If steady alarm, see a reparator for trouble shooting
		EEPROM MEMORY LOST	Loss of metrological configuration	Substitution of the AFSEC+ electronic card
		MEMORY OVER LOADED	Delivery diary is full	Substitution of the AFSEC+ electronic card