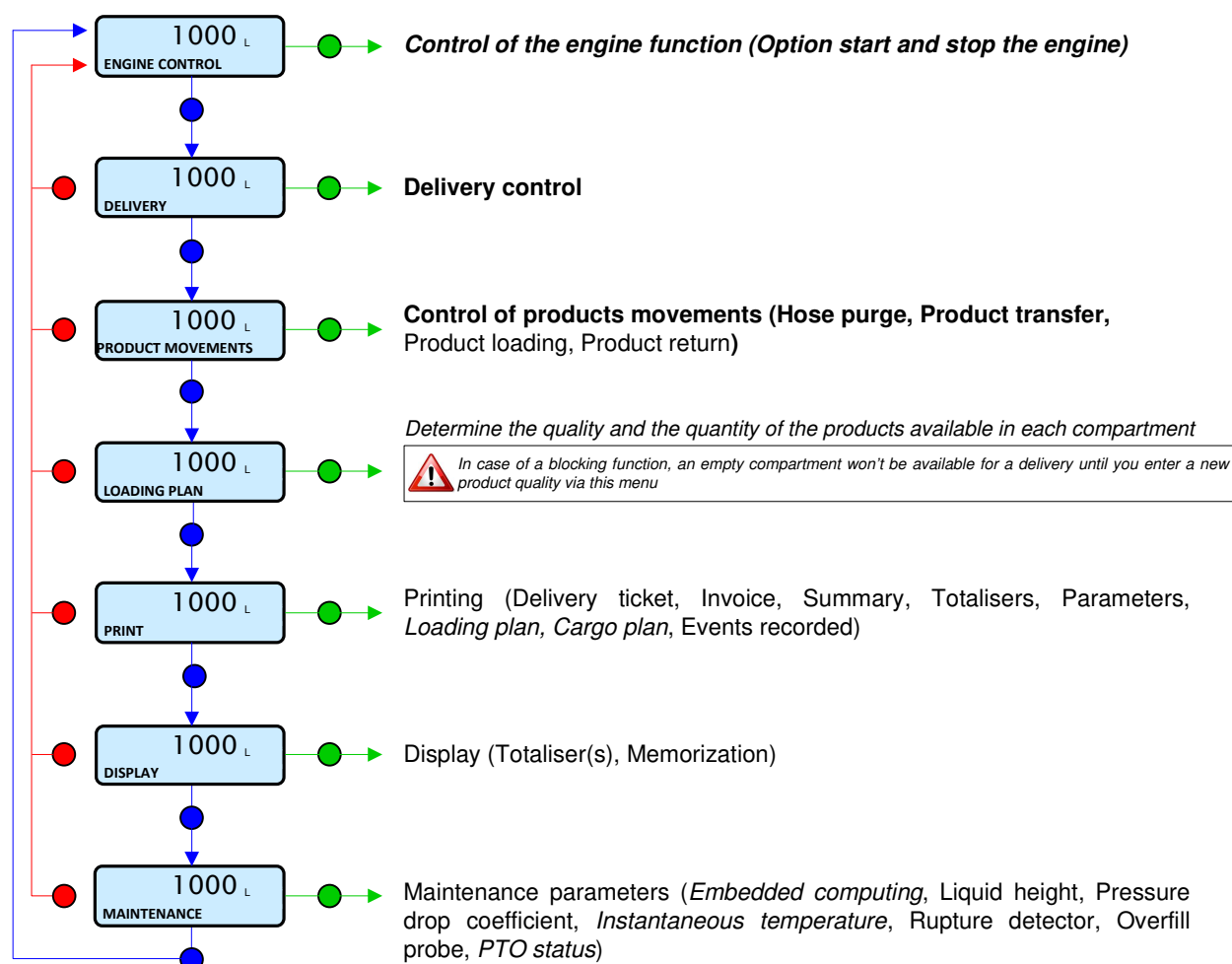
	OPERATING GUIDE CMA TRONIQUE	GU 7034 EN H www.alma.alma.fr
---	---	--

This document sketches out the main menus (please refer to operating manual MU 7034 EN for further information).



RUN A DELIVERY

FORM DOC 124 A

1. POWER UP AND START THE ENGINE

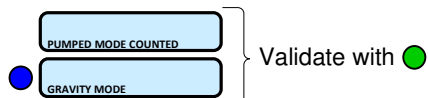
Power up (battery isolation switch)



2. PREPARE THE DELIVERY



▲ SELECT THE DISTRIBUTION LINE ⚠ with active option



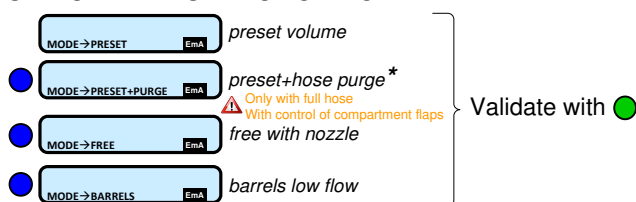
▲ SELECT THE DISTRIBUTION OUTLET ⚠ with active option



▲ CHOOSE THE PRODUCT



▲ SELECT THE DISTRIBUTION MODE



*With the distribution mode PRESET+PURGE choose the product and the compartment for the purge.

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



▲ CHOOSE THE COMPARTMENT ⚠ with active option



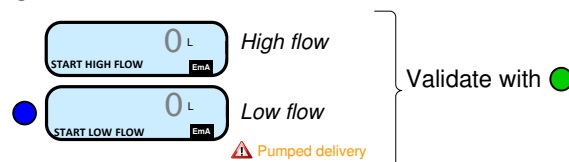
In distribution mode PRESET+PURGE, after the scheduling you must choose the compartment for the purge and the hose for next delivery.

▲ ENGAGE THE PUMP ⚠ with active option

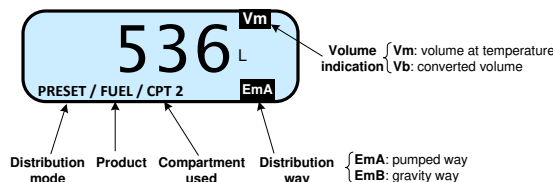


3. CARRY OUT THE DELIVERY

▲ START THE DELIVERY

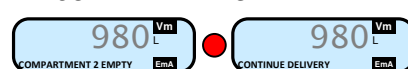


Display during delivery:



The delivery may be interrupted by several situations:

► THE COMPARTMENT IS EMPTY



- Choose another compartment
- Start the delivery §3

► APPEARANCE OF A FAULT AND DISPLAY OF AN ALARM



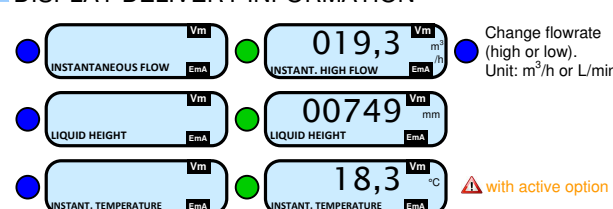
- Continue/suspend (§4) or end (§5) the delivery

► INTENTIONAL INTERRUPTION OF THE DELIVERY



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

▲ DISPLAY DELIVERY INFORMATION



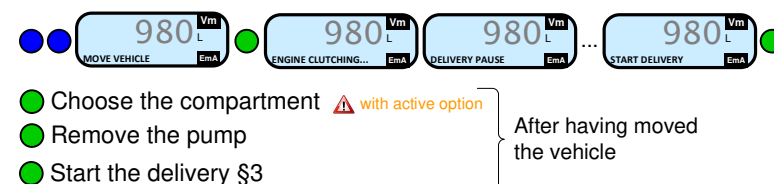
Back to normal display is automatic: DO NOT PRESS RED STOP BUTTON TO KEEP FROM INTERRUPTING DELIVERY.

4. CONTINUE OR SUSPEND THE DELIVERY

▲ CONTINUE THE DELIVERY

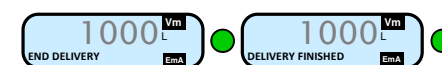


▲ SUSPEND THE DELIVERY TO MOVE THE VEHICLE



5. END THE DELIVERY

▲ END THE DELIVERY

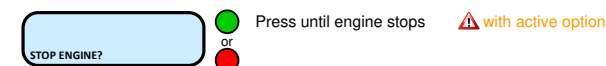


- Move the vehicle (§4)
- Continue the delivery (§4)

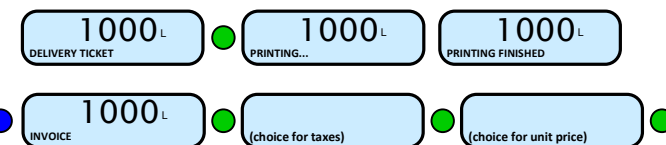
▲ REMOVE THE PUMP



6. STOP THE ENGINE



7. PRINT THE DELIVERY DOCUMENTS

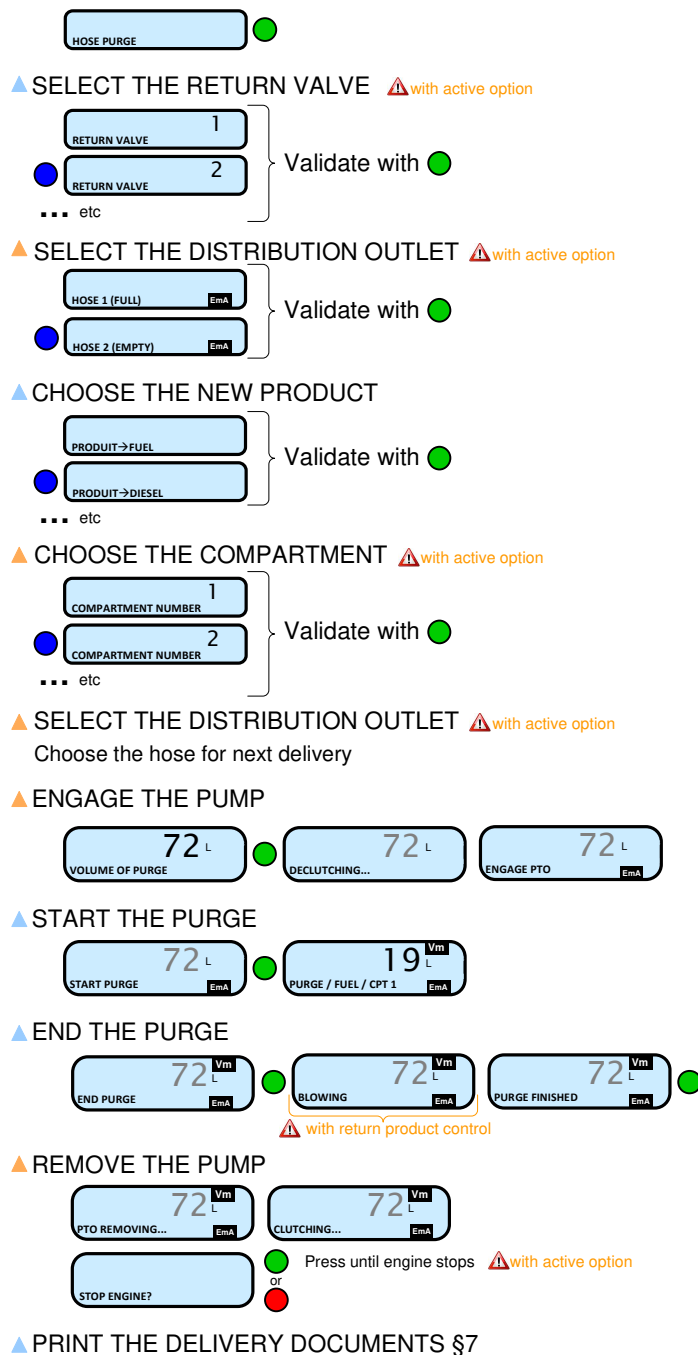


MEANING OF SYMBOLS

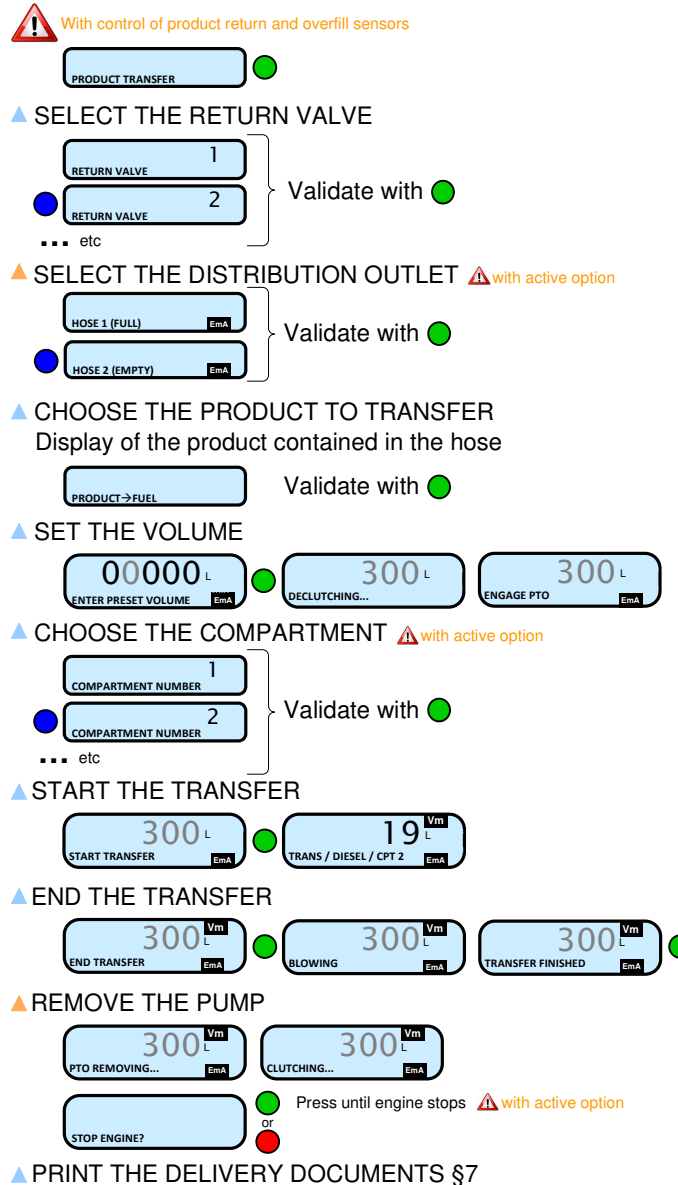
- ▲ Mandatory action
- ▲ Optional action (depends on configuration choosen)
- Event during delivery
- 👤 Action by operator

RUN A PRODUCT MOVEMENT

HOSE PURGE for change of product



PRODUCT TRANSFER from a compartment to another



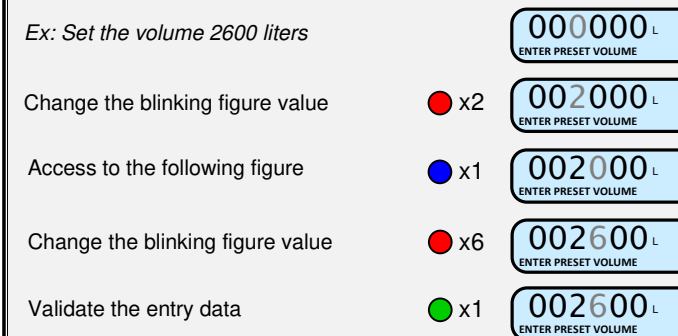
MEANING OF SYMBOLS

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

ENTRY MODES

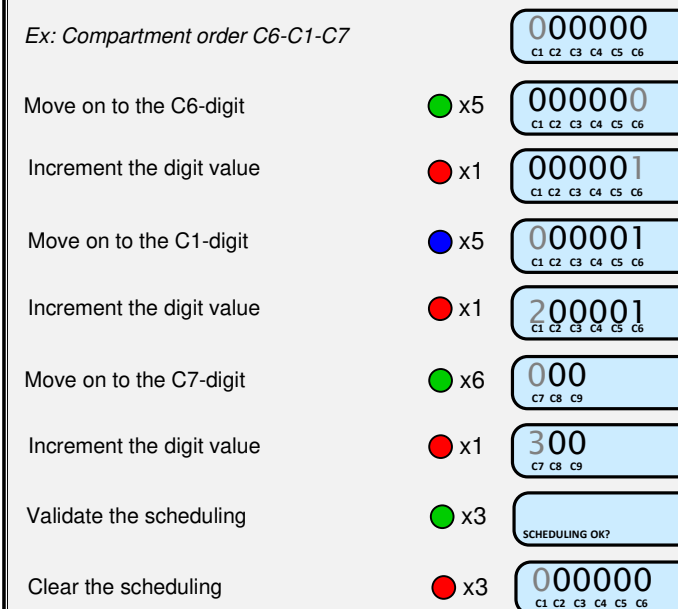
SET THE VOLUME:

Ex: Set the volume 2600 liters



SCHEDULING: Choose the compartment order

Ex: Compartment order C6-C1-C7



LIST OF ALARMS

		DISPLAY	MEANING	ACTION
USER	ALL	STOP DISCHARGE	Intentional interruption of discharge	Continue, stop or finish the discharge
		PRINTER FAILURE	Communication with the printer lost	Check the connection cable, on-off switch and fuse
		POWER SUPPLY PROBLEM	Jammed paper in the printer Power outage during discharge	Use the RELEASE button to eject the paper Check the cause / Restore power supply
		LOW FLOW DEFAULT	Low flowrate (less than 4m ³ /h)	Check the parameters / Check the hydraulic system (valve, strainer, nozzle...)
		HIGH FLOW DEFAULT	High flowrate (greater than maximum flowrate)	Check the parameters / Reduce flowrate
		ZERO FLOW DEFAULT	Zero flow	Check if the pulse transmitter is powered (red indicators)
		DIARY DEFAULT	Reset of the events diary	Acknowledge the alarm, check the date in supervisor mode (supervisor key)
		ADDITIVE LOW LEVEL	Low level of the additive tank	Fill the additive tank
		ADDITIVE CONTROL	Additive injection failure	Check the hydraulic system
		Three tricolour LED on the MICROCOMPT+ front face are showing the wireless connection status as described in the annexe to operating manual MU 7034		
	PUMPED	INCOHERENT SIGNAL	Coherence failure in metering lines	Check the position of the manual selection valves
		EMA METERING PROBLEM	Metering problem with the measuring device	Check if the pulse transmitter is powered (red indicators), if not check the wiring / Change the sensor if required
		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 DG DEFAULT	Rupture detector failure	Use the maintenance mode to check the status of the detector
		PURGE NOT FINISHED	Purge of manifold (and/or hose) not finished	Finish the purge
		FAIL	DSPGI ON, communication failure	Check the DSPGI device
		?????	DSPGI ON, drum located between 2 positions	Check the drum position of the related compartment
		UNDEF	DSPGI ON, product not set in SUPERVISOR mode	Check the products setting
	FLEXI TRONIQUE	EMB METERING PROBLEM	Metering problem with the measuring device	Check if the pulse transmitter is powered (red indicators), if not check the wiring / Change the sensor if required
		GAS DETECTOR DEFAULT	Gas detector failure	Use the maintenance mode to check the status of the detector
REPARATOR	ALL	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+ / If steady alarm, substitution of the faulty card
		VOLUME CONVER DEFAULT	Problem during conversion of volume	If steady alarm, substitution of the AFSEC+ electronic card
	PUMPED	TOTALISER 1 LOST	Loss of totalizer	Substitution of the backup battery
		TEMPERATURE 1 DEFAULT	Temperature determination failure	If steady alarm, see a reparator for trouble shooting
		TEMPERATURE 1 DEFAULT	Temperature determination failure	If steady alarm, see a reparator for trouble shooting
	FLEXI TRONIQUE	TOTALISER 2 LOST	Loss of totalizer	Substitution of the backup battery
		PRESSURE DEFAULT	Pressure determination failure	If steady alarm, see a reparator for trouble shooting
	BLOCKING	MEMORY LOST (PILE)	Loss of saved memory	Substitution of the backup battery
		MEMORY LOST	Error on SIM memorization	Enter and exit the METRO mode / If steady alarm, substitution of the backup battery
		COEFFICIENTS DEFAULT	Deviation between coefficient LF/HF greater than 0.5%	Modification of the low flow coefficient (K1)
		PROM DEFAULT	Loss of software or resident integrity	Substitution of the AFSEC+ electronic card
		RAM DEFAULT	Saved memory fault	Substitution of the AFSEC+ electronic card
		EEPROM MEMORY LOST	Loss of metrological configuration	Substitution of the AFSEC+ electronic card
		MEMORY OVER LOADED	SIM memory full	Substitution of the AFSEC+ electronic card
		DATE AND TIME LOST	Loss of date and time	Set date and time in supervisor mode (supervisor key)