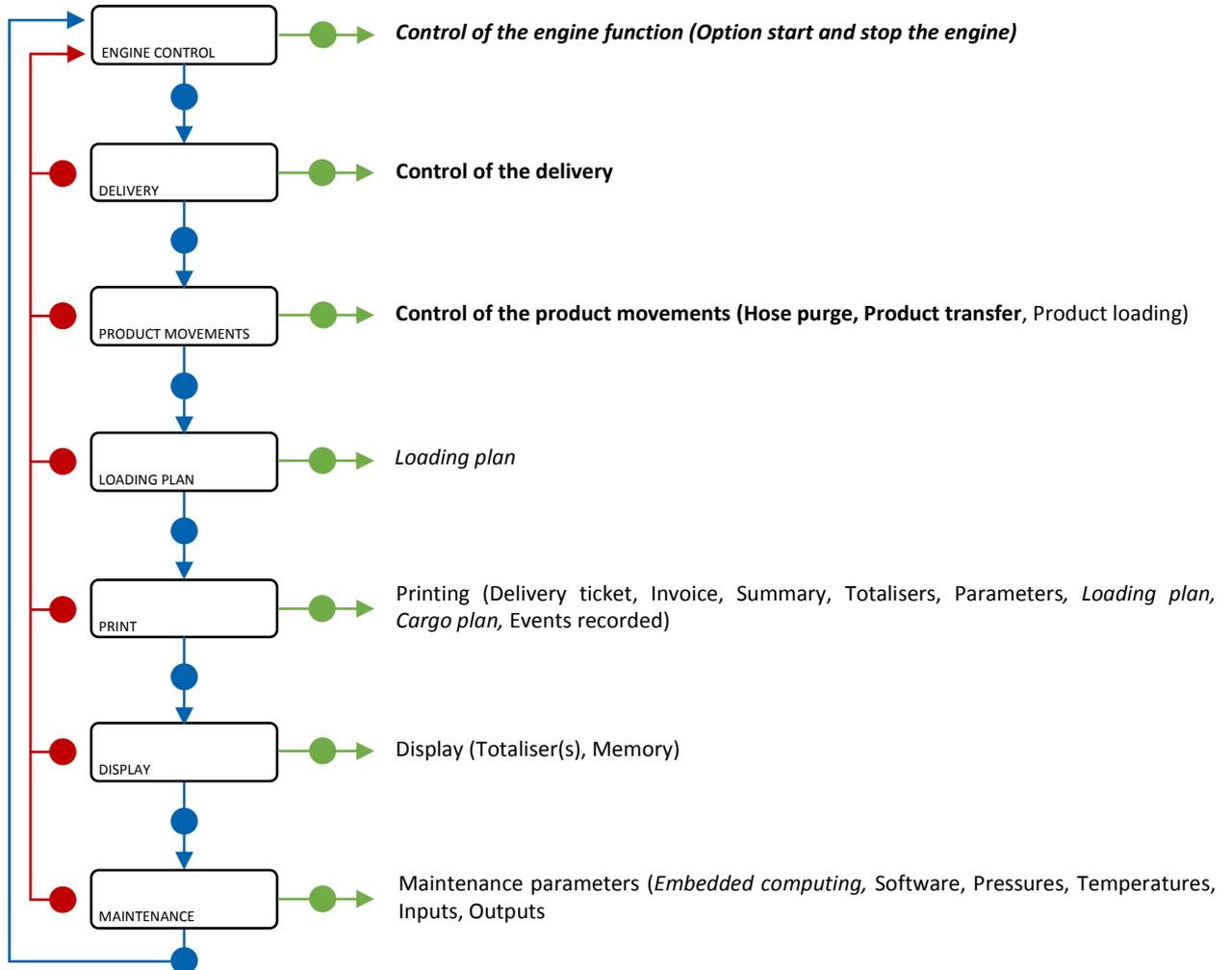


This document sketches out the main menus (please refer to operating manual MU 7093 EN for further information)

USING THE BUTTONS OF THE MICROCOMPT+

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



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

RUN A DELIVERY

1. POWER UP AND START THE ENGINE

Power up (battery isolation switch)



● Back to DELIVERY menu

2. PREPARE THE DELIVERY



▲ CHOOSE THE MEASURING SYSTEM ⚠ With EM DUAL

☞ If required, turn the manual valve on EMA or EMB



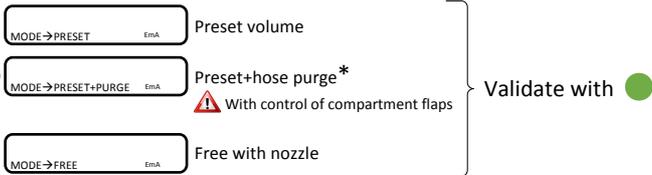
▲ SELECT THE DISTRIBUTION OUTLET ⚠ With active option



▲ CHOOSE THE PRODUCT



▲ SELECT THE DISTRIBUTION MODE

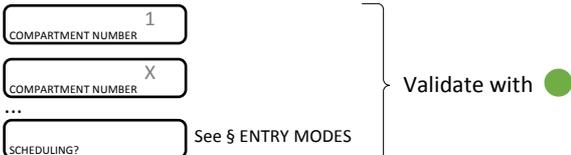


* With the distribution mode PRESET+PURGE: choose the product and the compartment for the purge.

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



▲ CHOOSE THE COMPARTMENT ⚠ With active option



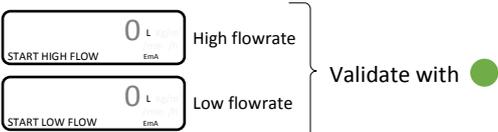
* With the distribution mode PRESET+PURGE: after the scheduling, choose the compartment for the purge and the hose for the next delivery.

▲ ENGAGE THE PUMP ⚠ With active option

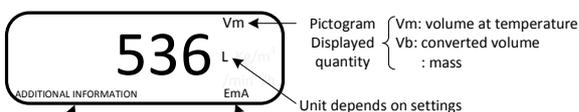


3. CARRY OUT THE DELIVERY

▲ START THE DELIVERY



Display during the delivery:



Distribution mode / Product / Compartment Measuring system EMA or EMB

Interruption of the delivery

► THE COMPARTMENT IS EMPTY



- Choose another compartment
- Start the delivery (§3)

► APPEARANCE OF A FAULT AND DISPLAY OF AN ALARM



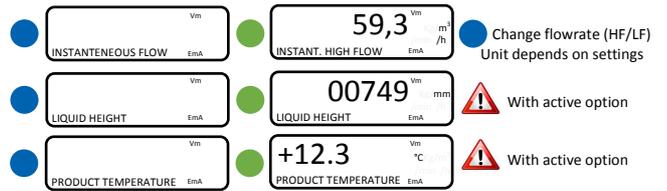
- Continue/suspend (§4) or end (§5) the delivery

► INTENTIONAL INTERRUPTION OF THE DELIVERY



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

Display the 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



- Start the delivery §3

▲ SUSPEND THE DELIVERY TO MOVE THE VEHICLE



- Choose the compartment ⚠ With active option
 - Engage the pump
 - Start the delivery §3
- After vehicle moving

5. END THE DELIVERY

▲ END THE DELIVERY

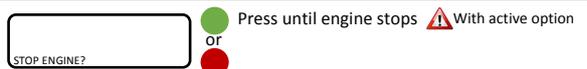


- Move the vehicle §4
- Continue the delivery §4

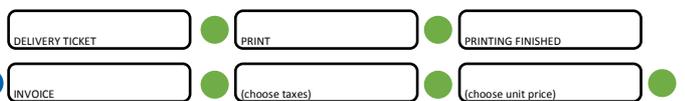
▲ REMOVE THE PUMP ⚠ With active option



6. STOP THE ENGINE



7. PRINT THE DELIVERY DOCUMENTS



Printing of the invoice

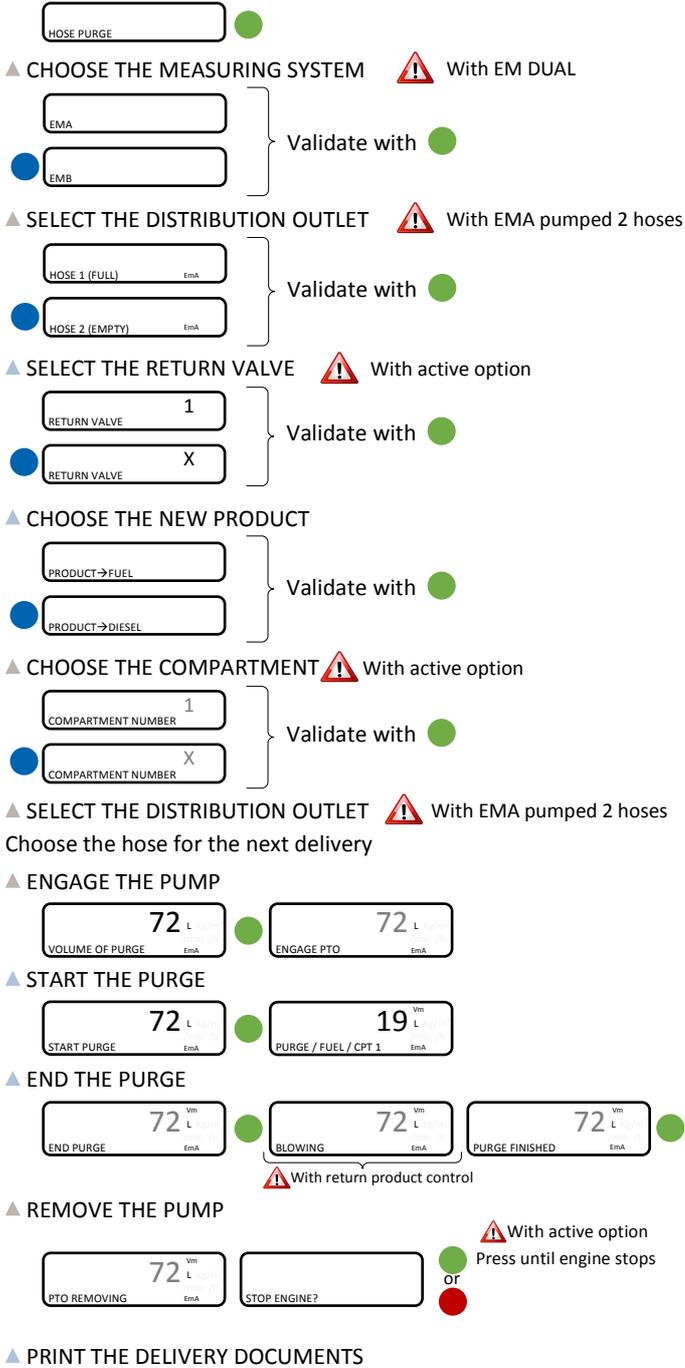
- Back to main menu

MEANING OF SYMBOLS

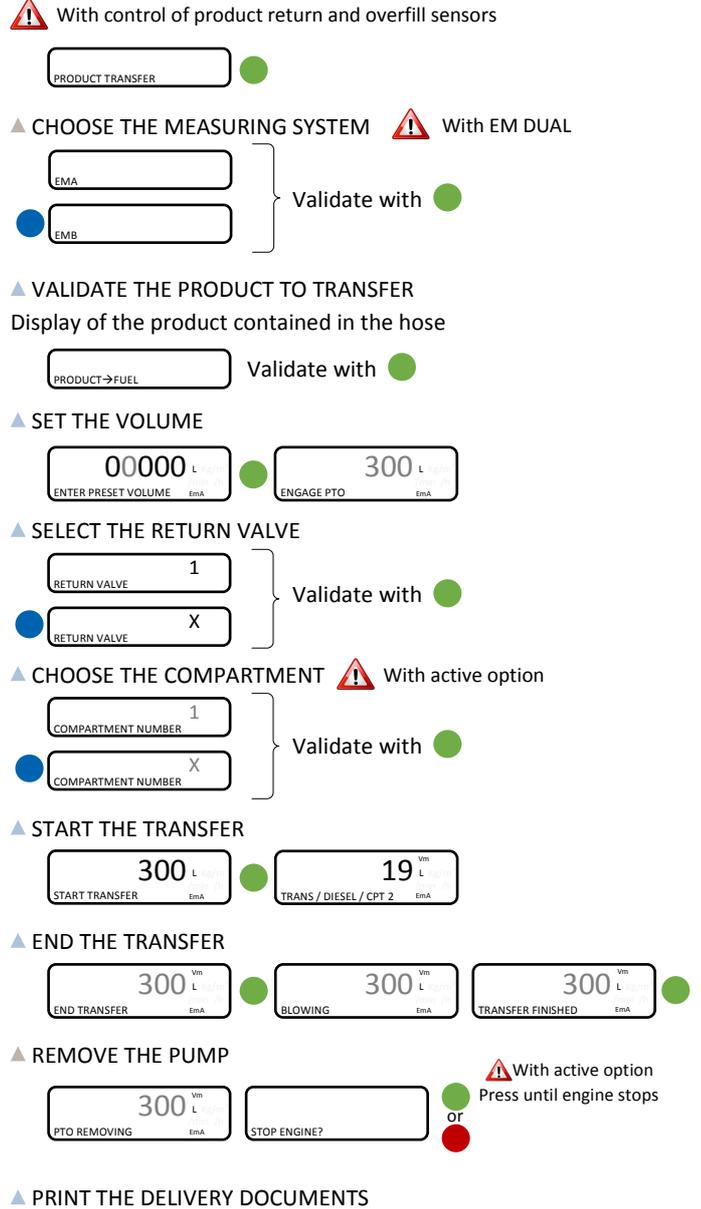
- ▲ Mandatory action
- ▲ Optional action
- ▶ Event during delivery
- ☞ Action by operator

RUN A PRODUCT MOVEMENT

HOSE PURGE for change of product



PRODUCT TRANSFER from a compartment to another



ENTRY MODES

SET THE VOLUME:

Ex: Set the volume 2600 liters

Change the blinking figure value x2

Access to the following figure x1

Change the blinking figure value x6

Validate the entry data x1



SCHEDULING: Choose the compartment order

Ex: Compartment order C6-C1-C7

Move on to the C6-digit x5

Increment the digit value x1

Move on to the C1-digit x5

Increment the digit value x1

Move on to the C7-digit x6

Increment the digit value x1

Validate the data x7

Back to data entry x1



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	
			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	
		COMMON PUMPED	INCOHERENCE WAY A/B	Inconsistent choice for EMA/EMB circuit	Make sure the manual selection valves are well-positioned
	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	
	REPARATOR	EMX (X=A ou B)	EMX LOW FLOW DEFAULT	Flow<Qmin consecutively during 0,2*MMQ	Check the parameters and the hydraulic system (valve, strainer, nozzle...)
			EMX HIGH FLOW DEFAULT	Flow>Qmax consecutively during 3 sec	Check the parameters / Reduce flowrate
EMX 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	
EMX 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	
EMX TEMPER. DEFAULT			Temperature determination failure T<Tmin or T>Tmax	If steady alarm, see a reparator for trouble shooting	
EMX K-FACTOR DEFAULT			Deviation between coefficients K1 and K2 greater than 0.5%	Change the low-flow coefficient (K1)	
EMX TOTALISER LOST			Totalisers integrity problem	Substitution of the backup battery	
EMX PRESSURE DEFAULT			Pressure sensor out of range 4/20 mA	If steady alarm, see a reparator for trouble shooting	
EMX CONVER. DEFAULT			Problem during volume conversion	Make sure the set density is consistent	
COMMON		LEAK DETECTED	Metering detection without measurement	Make sure the check valve is tight	
		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	
		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	
		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 AFSEC+ electronic card	
		BOOT LOADER DEFAULT	Inconsistency between the app and the version of the boot loader	Match the application software with the boot loader	
		PARAMETER LOST	Loss of supervisor parameters	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			