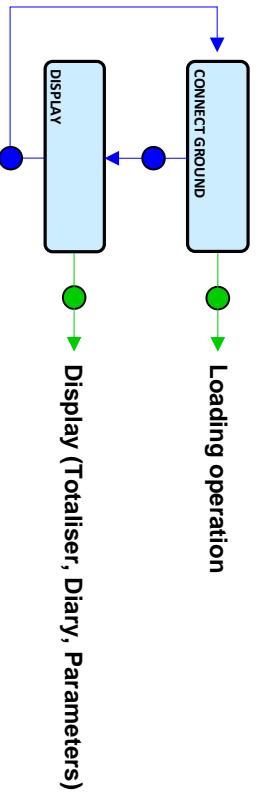


	OPERATING GUIDE BLENDING / DENATURANT MICROCOMP <small>T</small> FOR TOP LOADING	GU 7036_4 EN D www.alma-alma.fr
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This document sketches out the main menus (please refer to operating manual MU 7036 EN for further information).

USING THE BUTTONS

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



NOTE: If the MICROCOMPT communicates with a system via µConfig, the message 'UCONFIG...' appears on the prompter

RUN A LOADING OPERATION

1. PREPARE THE LOADING OPERATION



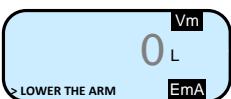
▲ CONNECT THE GROUND

Connect the ground



▲ MOVE THE LOADING ARM

Move the arm (right or left)



▲ LOWER THE LOADING ARM

Lower the loading arm



▲ OPEN THE DEADMAN DEVICE

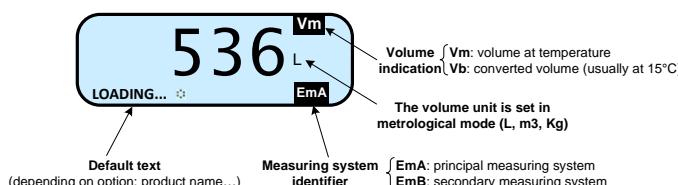
Open the deadman device

2. CARRY OUT THE LOADING OPERATION

▲ START LOADING OPERATION



Display during the loading operation:



The loading operation may be interrupted by several situations:

► APPEARANCE OF A FAULT AND DISPLAY OF AN ALARM



Pick up the arm

Continue or stop the loading operation (§3 or §4)

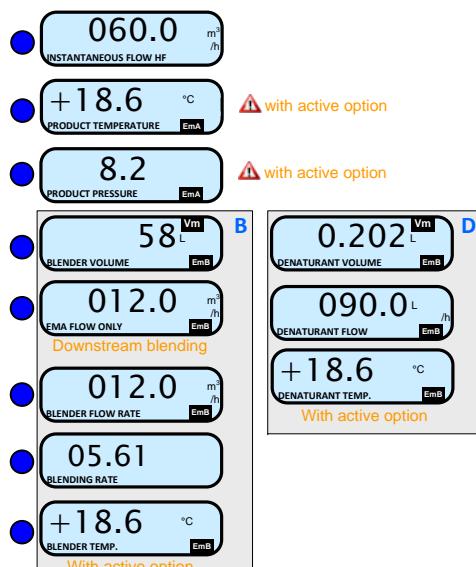
► INTENTIONAL INTERRUPTION OF THE LOADING OPERATION



Pick up the arm

Continue or stop the loading operation (§3 or §4)

▲ DISPLAY LOADING INFORMATION



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

3. CONTINUE THE LOADING OPERATION



Lower the loading arm

Start the loading operation §2

4. END THE LOADING OPERATION



▲ PUT THE LOADING ARM ASIDE

Put the loading arm aside



▲ REMOVE THE GROUND

Remove the ground



Volume reset

▲ CLOSE THE DEADMAN DEVICE

Close the deadman device

Back to main menu §1

MEANING OF SYMBOLS

▲ Mandatory action

► Optional action

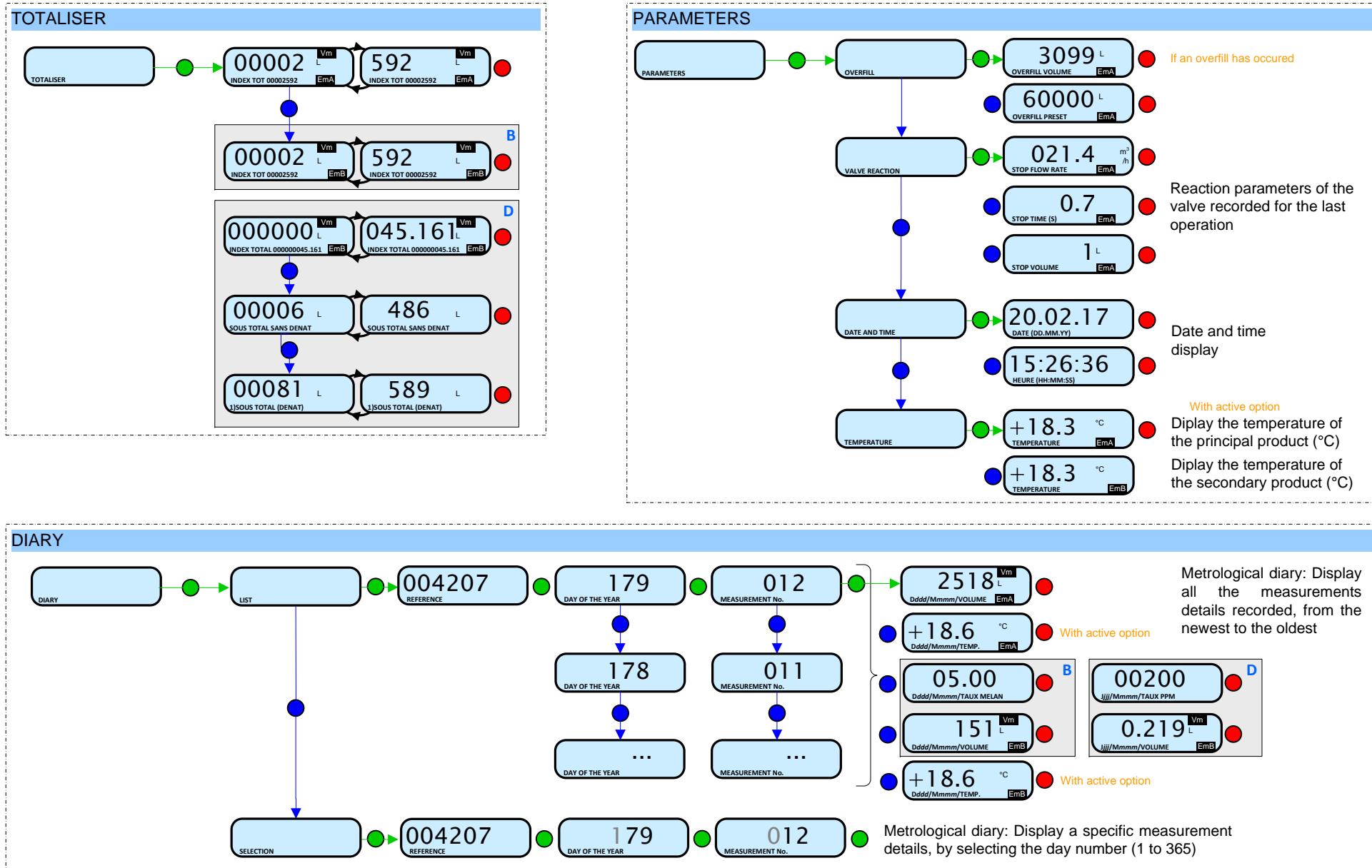
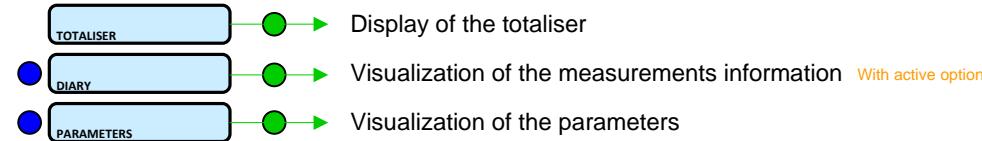
► Event during loading operation

Action by operator

B Spécifiques menus depending on the measuring system: Blender / Denaturant

DISPLAY THE LOADING DATA

This menu is available in stand-by mode or during an intermediate stop of the loading operation.



LIST OF ALARMS

FORM DOC 124 A

TOP	DISPLAY	MEANING	ACTION
STOP LOADING	Intentional interruption of the loading operation		Continue or stop the loading operation
EMERGENCY STOP	Detection of an emergency stop		Check the status of the emergency stop
COMMUNICATION FAULT	Absence of communication network		Check the status on the control device
POWER SUPPLY PROBLEM	Power outage during discharge		Check the cause / Restore power supply
LOW FLOW FAULT	Low flowrate (less than minimum flowrate)		Check the parameters / Check the hydraulic system (valve, strainer, nozzle...)
HIGH FLOW FAULT	High flowrate (greater than maximum flowrate)		Check the hydraulic system (valve, pumping)
ZERO FLOW FAULT	Zero flow principal product		Check the hydraulic system (safety valve)
METERING PROBLEM	Metering problem with the principal measuring device		Check if the pulse transmitter is powered (red indicators)
OVERFILL FAULT	Over-filling of the compartment		Dry out the wet probe or end measurement
MANDATORY END	Measurement end is required		End operation
NO MORE AUTHORISATION	No more loading authorisation		Check the reason on the control device
GROUND FAULT	Loss of ground signal		Check the connection of the dead-man switch
TICKET FAULT	No ticket in the local mechanical printer		Check the ticket is well-positioned
ARM POSITION FAULT	Loading arm in high-position		Check the loading arm position
ARM ORIENT. FAULT	Problem with the orientation of the arm in low-position		Check the loading arm orientation (left or right)
ORIENTATION /2 RACKS	Detection of a loading arm oriented on both sides of the rack		Check the loading arm orientation (left or right)
DEADMAN SWITCH	The dead man switch is not connected		Check the dead man switch
LEAKAGE FAULT	Metering detection without measurement		Check the tightness of the loading valve
SAMPLING FAULT	Problem with the sampler		Check the status of the sampler
SELECTION QUALITY	No product selected		Choose a product
TANK EMPTY	Product unavailable		Fill the tank with product
GAS DETECTED	Detection of gas (principal product circuit EMA)		Make a purge (manual or automatic)
EMB METERING PROBLEM	Metering problem with the secondary measuring device		Check if the pulse transmitter is powered (red indicators)
EMB NO FLOWRATE	Zero flow (secondary measuring system)		Check the hydraulic system (safety valve)
BLENDING RATE FAULT	Inappropriate blending ratio		Check the blending rate set in metrological mode
EMB LEAKAGE FAULT	Metering detection without injection of secondary product		Check the hydraulic system of the denaturant
BLENDER FAULT	Problem with the denaturant electronic device		Check the denaturant electronic device
EMB UNDERFLOW	Flowrate less than the min. flowrate set in metrological mode		Check the hydraulic system (valve, strainer, nozzle...)
EMB HIGH FLOW	Flowrate greater than the max. flowrate set in metrological mode		Check the hydraulic system (valve, pumping)
EMB GAS FAULT	Detection of gas (secondary product circuit EMB)		Make a purge (manual or automatic)
BLENDER GAS FAULT	Detection of gas		Make a purge (manual or automatic)
DENATUR. TANK EMPTY	Denaturant unavailable		Fill the tank with denaturant
NO DYEING	Dyeing null		Check the additive hydraulic system
DYE LEAKAGE	Metering detection without injection		
DYEING <-->	Dyeing rate too low		
DYEING <++>	Dyeing rate too high		
NO ADDITIVATION	Additivation null		
ADDITIVE LEAKAGE	Metering detection without injection		
ADDITIVATION <-->	Additivation rate too low		
ADDITIVATION <++>	Additivation rate too high		

TOP	DISPLAY	MEANING	ACTION
USER	ADDITION FAULT DOSING FAULT ACDA PROBLEM LINE RINSING FAULT INJECT. LEAKAGE DIARY FAULT	Problem with the addition electronic device Problem with the dosing of the additive Problem with the ACDA (remote injector calculator) Rinsing cycle not finished by the injector Metering detection on injector XX without injection Reset of the events diary	Check the addition electronic device Check the addition electronic device Check the electronic device ACDA Wait for the end of the rinsing cycle. Blocking default if the injector is for denaturant (see ANTI BLENDING configuration) Check the additive hydraulic system Acknowledge the alarm, check the date in supervisor mode
REPARATOR - NON BLOCKING	DISPLAY FAULT WATCHDOG FAULT VOLUME CONVER. FAULT TOTALISER LOST EMB TOTALISER LOST TEMPERATURE FAULT EMB TEMP FAULT VALVE FAULT EMB VALVE FAULT FILTER FAULT ANTI-POLLUTION VALVE INJECT CONFIG FAULT DYEING CONFIG FAULT	Problem with display card Fault with display or power card or AFSEC+ card Problem during conversion of volume Loss of totaliser EMA Loss of totaliser EMB Temperature determination failure EMA Temperature determination failure EMB Inappropriate reaction of the EMA control valve Inappropriate reaction of the EMB control valve Filter fouling Mismatch between the status awaited and the actual status of the antipollution valve Disparity between metrological parameters values Disparity between metrological parameters values	If steady alarm, substitution of the display card If steady alarm, substitution of the faulty card If steady alarm, substitution of the AFSEC+ electronic card Substitution of the backup battery Substitution of the backup battery If steady alarm, see a reparator for trouble shooting If steady alarm, inspect the authorization valve The pressure switch and the product line must be cleaned Check the status of the antipollution valve Remove the disparity Remove the disparity
REPARATOR - BLOCKING	PRINTER FAULT <><+> MEMORY LOST <PILE> MEMORY LOST COEFFICIENTS FAULT PROM FAULT RAM FAULT EEPROM MEMORY LOST MEMORY OVER LOADED DATE AND TIME LOST POWER BOARD FAULT GAS DETECTOR FAULT GAS DETECTOR HIGH EMB DETECTOR FAULT VISCOSITY FAULT	Problem with the IT2 mechanical printer Loss of saved memory Error on SIM memorization Deviation between coefficient LF/HF greater than 0.5% Loss of software or resident integrity Saved memory fault Loss of metrological configuration Loading diary is full Loss of date and time Disparity between the software and the version of the power supply board Problem with the EMA gas detector Problem with the high-point gas detector Problem with the EMB gas detector Viscosity out of range	If steady alarm, inspect the printer Substitution of the backup battery Enter and exit the METRO mode / If steady alarm, substitution of the backup battery Modification of the low flow coefficient (K1) Substitution of the AFSEC+ electronic card Substitution of the AFSEC+ electronic card Set date and time in supervisor mode (supervisor key) Remove the disparity Check the gas detector Check the gas detector Check the gas detector Check the curve in metrological mode