

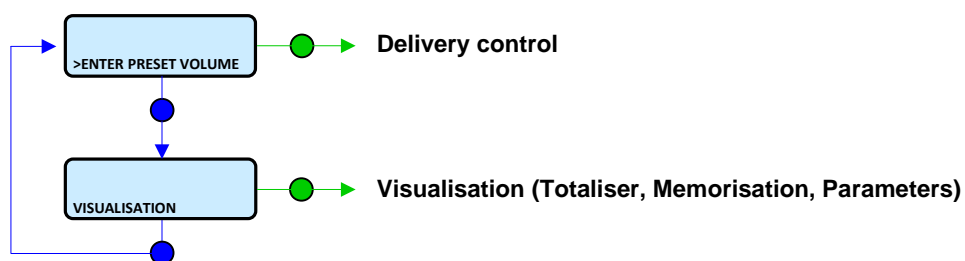
	<b>OPERATING GUIDE</b> <b>GCPMA CERTIFIED METERING SKID</b>	GU 7103_1 EN A <a href="http://www.alma.alma.fr">www.alma.alma.fr</a>
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### USING THE BUTTONS

- - Come back to the previous stage
- - Increment the blinking figure

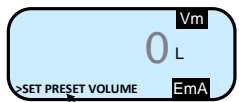
- - Choose the menu option
- - Access to the following figure

- - Validate the displayed option
- - Validate the entry data



# UNLOAD A PRODUCT

## 1. PREPARE THE UNLOADING



The volume of the last unloaded product is displayed

Default wording  
Option: Display of the product quality

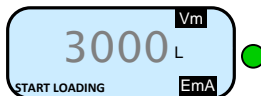
### ▲ SET THE VOLUME



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

## 2. CARRY OUT THE UNLOADING

### ▲ START THE UNLOADING



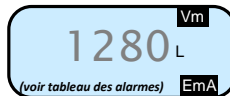
Display during delivery:



Volume indication { Vm: volume at temperature  
The unit of the volume is set in metrological mode (L, m3, Kg)  
Measuring system { EmA: main measuring system  
Default wording  
Option: display of the product quality

### The unloading may be interrupted by several situations

#### ▶ APPEARANCE OF A FAULT AND DISPLAY OF AN ALARM



● Continue or stop the unloading (§3 ou §4)

#### ▶ INTENTIONAL INTERRUPTION OF THE DELIVERY



● Continue or stop the unloading (§3 ou §4)

### ▲ DISPLAY DELIVERY INFORMATION



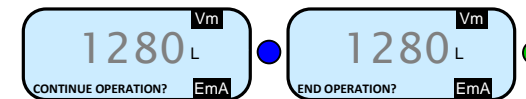
With active option

## 3. CONTINUE OR STOP THE UNLOADING



● Start the unloading §2

## 4. END THE UNLOADING



● Print the discharge documents §5

## 5. PRINT THE DELIVERY DOCUMENTS



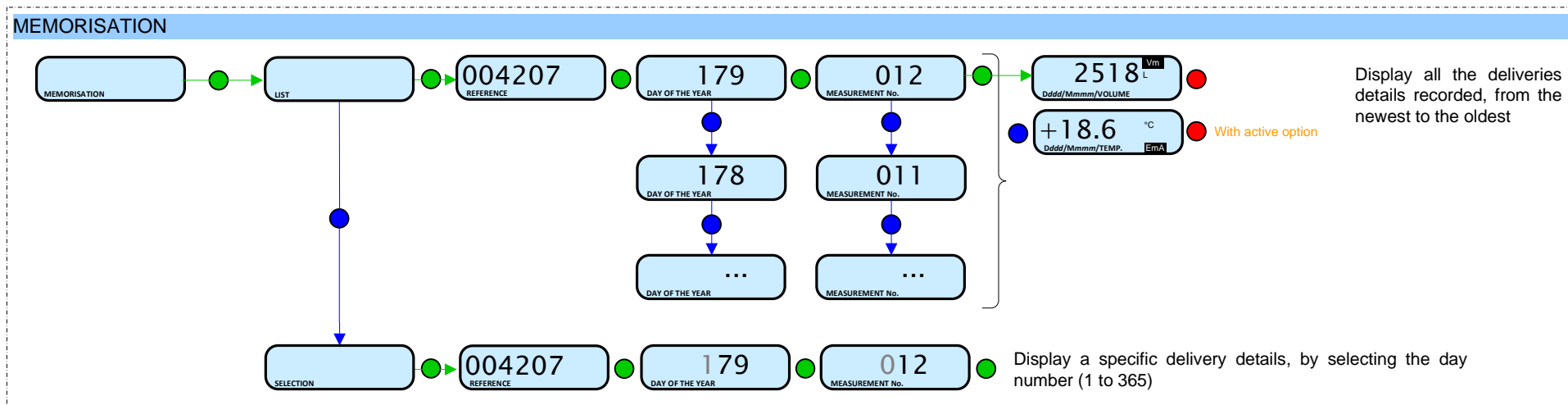
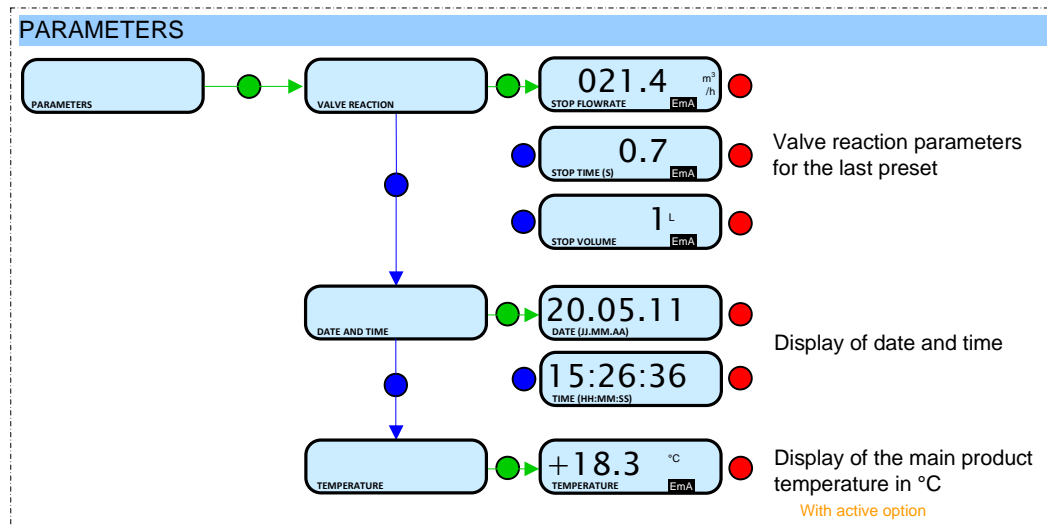
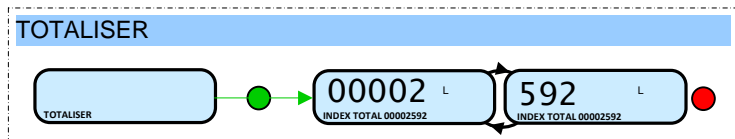
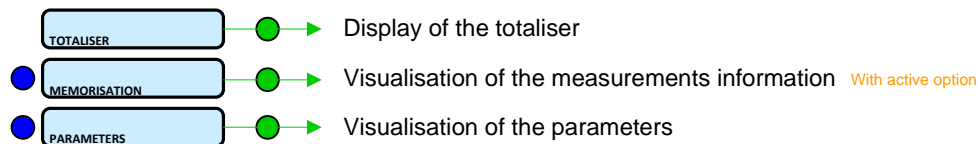
Return to main menu §1

### MEANING OF SYMBOLS

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

# DISPLAY THE UNLOADING DATA

The VISUALISATION menu is accessible during standstill periods or intermediate stops.



# LIST OF ALARMS

		DISPLAY	MEANING	ACTION
USER		STOP DISCHARGE POWER SUPPLY PROBLEM LOW FLOW DEFAULT HIGH FLOW DEFAULT ZERO FLOW DEFAULT METERING PROBLEM MANDATORY END	Intentional interruption of discharge Power outage during discharge Low flowrate (less than 15m <sup>3</sup> /h) High flowrate (greater than maximum flowrate) Zero flow Metering problem with the measuring device Discharge has to be stopped	Continue, stop or finish the discharge Check the cause / Restore power supply Check the hydraulic system (valve, strainer, nozzle...) Check the hydraulic system (valve, pumping...) Check the hydraulic system (security valve) Check if the pulse transmitter is powered (red indicators) End discharge
REPARATOR	NON BLOCKING	LEAKAGE FAULT DISPLAY DEFAULT WATCHDOG DEFAULT TOTALISER LOST TEMPERATURE DEFAULT	Counting outside a measurement period Problem with display card Fault with display or power card or AFSEC+ card Loss of totalizer Temperature determination failure	Check the tightness of the loading valve If steady alarm, substitution of the display card If steady alarm, substitution of the faulty card Substitution of the backup battery If steady alarm, see a reparator for trouble shooting
	BLOCKING	MEMORY LOST (PILE) MEMORY LOST COEFFICIENTS DEFAULT PROM DEFAULT RAM DEFAULT EEPROM MEMORY LOST MEMORY OVER LOADED DATE AND TIME LOST POWER BOARD FAULT	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 SIM memory full Loss of date and time The software and the power electronic board are not compatible	Substitution of the backup battery Substitution of the backup battery Modification of the low flow coefficient (K1) Substitution of the AFSEC+ electronic card Substitution of the AFSEC+ electronic card Substitution of the AFSEC+ electronic card Substitution of the AFSEC+ electronic card Set date and time in metrological mode Deal with the problem