






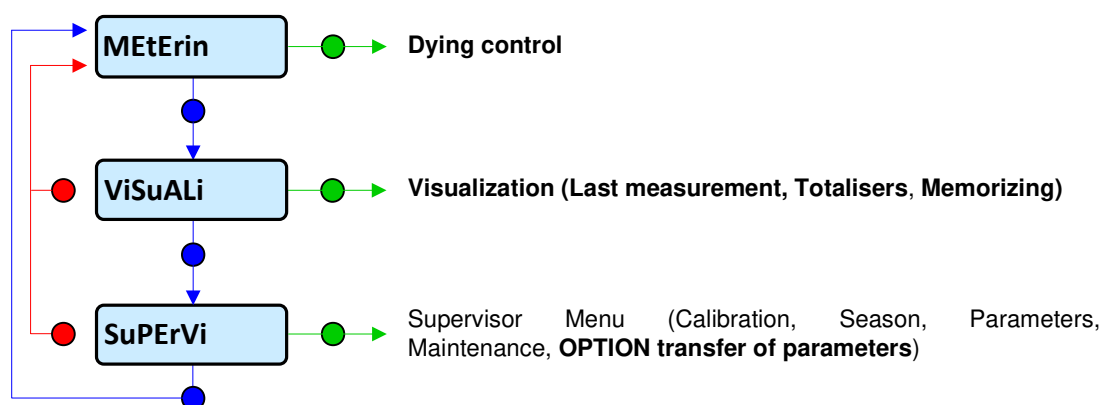



	<h2 style="margin: 0;">OPERATING GUIDE</h2> <h2 style="margin: 0;">UNI DYE-COUNTER</h2>	<p style="margin: 0;">GU 7109 EN B</p> <p style="margin: 0;">www.alma.alma.fr</p>
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This document sketches out the main menus (please refer to operating manual MU 7061 EN for further information).

USING THE BUTTONS

- | | | |
|---|--|---|
|  Come back to the previous stage ● |  Choose the menu option
 Display the delivery information ● |  Validate the displayed option ●
 Validate a fault ● |
|  Light the display during 10 seconds |  Reset the volume and record the last measurement data | |



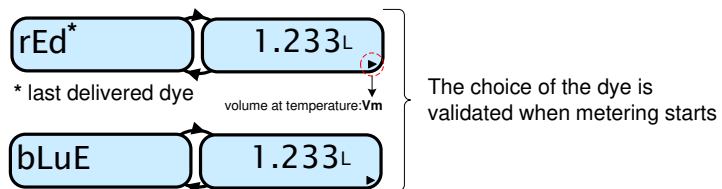
-  **NB1:** Since the CTD+ key is not ATEX, it must be used outside potentially explosive area
- NB2:** Do not plug the USB cable during data transfer.

USING THE UNI DYE-COUNTER

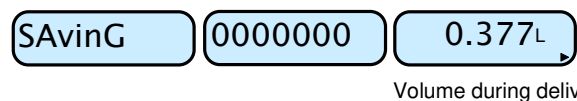
CARRY OUT THE DYING OPERATION

Dyeing operations are automated.
The following displays are given for information only.

NOTE: The unit of flowrate and volume depends on the settings chosen.



Appearance of flowrate causes a display test and resets the volume



▲ DISPLAY FLOWRATE DURING A DYING OPERATION



The record of the last measurement is made at the end of time-out



▶ APPEARANCE OF A FAULT AND DISPLAY OF AN ALARM



Validate the fault with ●
Without validation, if pouring is going on, the alarm will be recorded and acknowledged automatically.
See list of alarms page 4

▶ DYE FLOW SHUTOFF



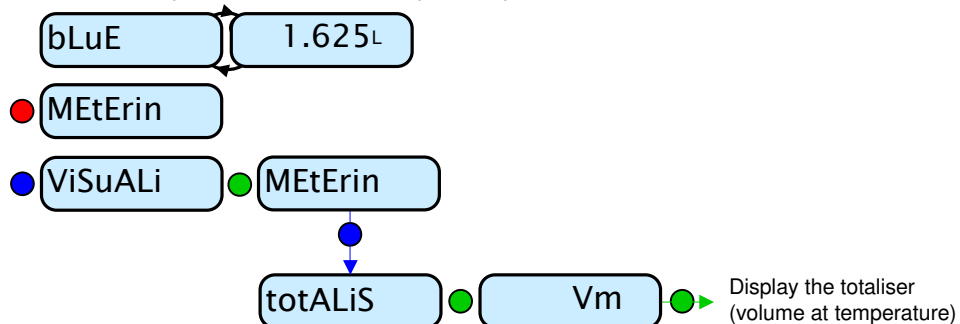
Wait the blinking display

MEANING OF SYMBOLS

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

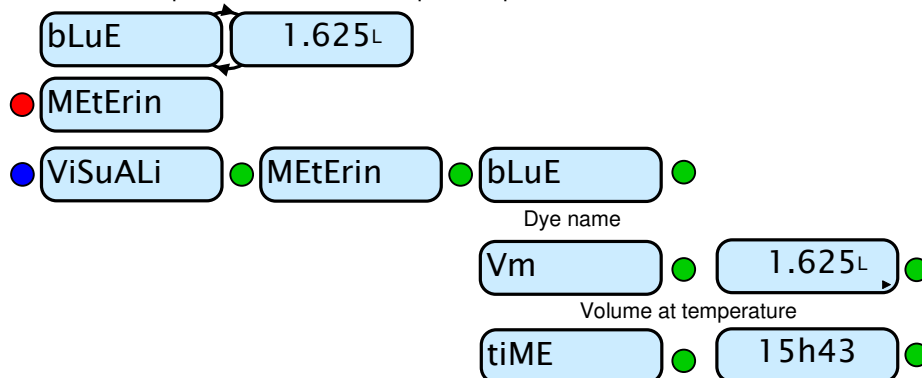
VISUALIZATION OF THE TOTALISERS - sub-menu **totALiS**

In case of a dispute, those indications provide proof



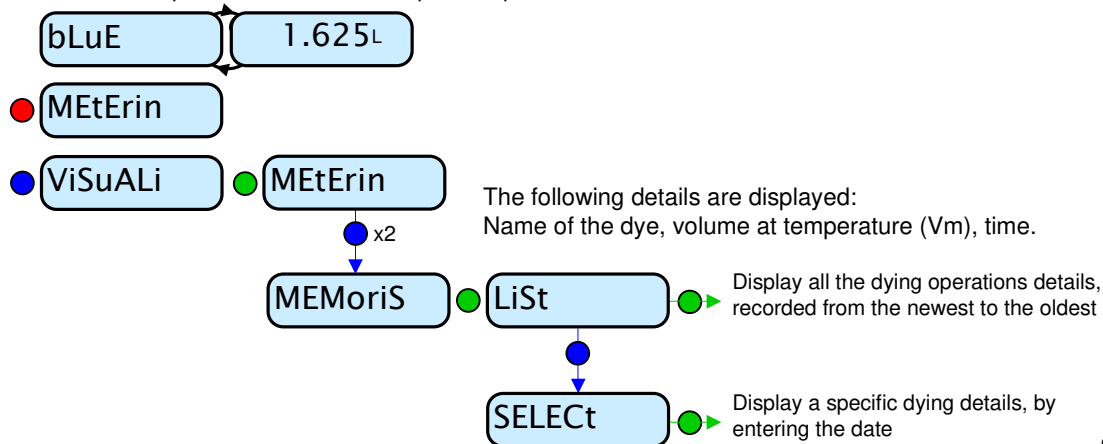
VISUALIZATION OF THE LAST DYING OPERATION RESULTS - sub-menu **MEtErin**

In case of a dispute, those indications provide proof



VISUALIZATION OF ALL THE DYING OPERATIONS RESULTS - sub-menu **MEMoriS**

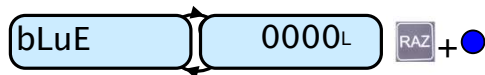
In case of a dispute, those indications provide proof



TRANSFER DATA, LIST OF ALARMS

TRANSFER MEASUREMENT DATA (OPTION KEY CTD+) :

⚠ The key must be placed on the UNI as shown and outside potentially explosive area:



Transfer the parameters and the measurement results to the key

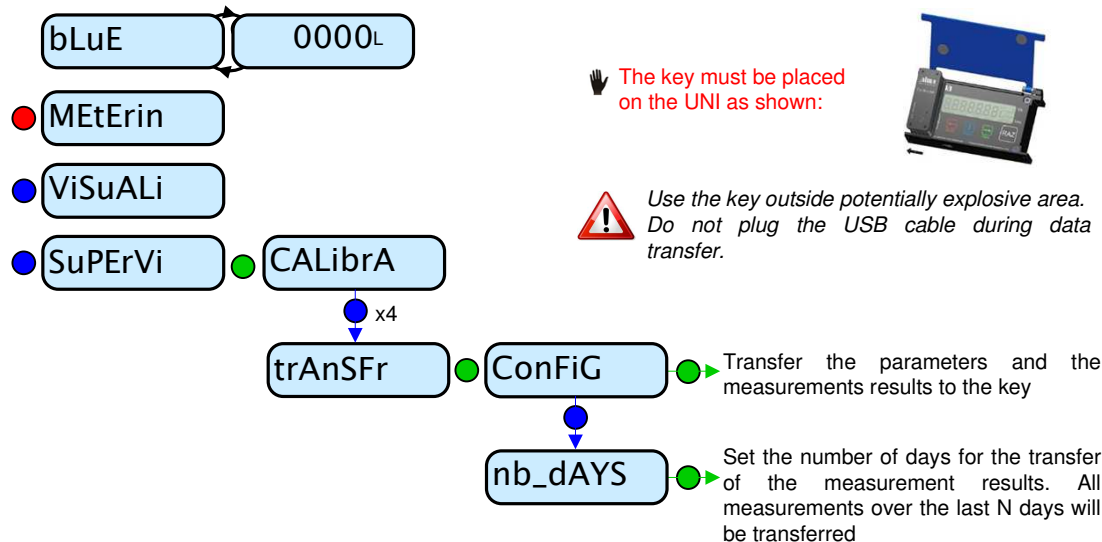


TRANSFER MEASUREMENT DATA (OPTION KEY CTD+) - sub-menu trAnSFr

⚠ The key must be placed on the UNI as shown:



⚠ Use the key outside potentially explosive area. Do not plug the USB cable during data transfer.



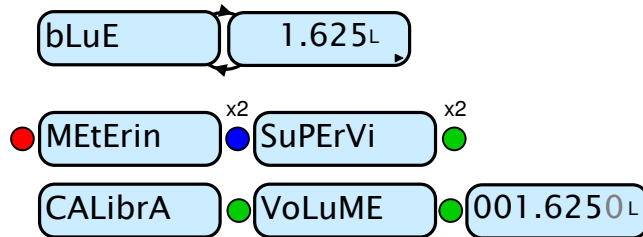
	DISPLAY	MEANING	ACTION
USER	oVErFlo	Volume greater than 4 194 304 liters	Reset the device
	LoW_FLo	Flow rate less than the setting minimal flow rate	Check the hydraulic configuration and the flowing
REPARATOR	FLoV_	Flow setting fault	Check the parameters
	FrEQ_	Frequency fault	Check the parameters
	COEFF_	Difference between two coefficients is greater than 0,5%	Check the coefficients setup
	MEtEr	Problem of metering with the meter	Check the setup
	HiGH_FL	Flow rate greater than the setting maximal flowrate	Check the setup
	dAtE	Loss of date and time	Set date and time in metrological mode
	bobinE	Loss of pulse transmitter signal	Check the connection with the pulse transmitter
	tEMPErA	Temperature less than -20°C or greater than 50°C	Check the temperature sensor (measure and calibration)
	diSPLAY	LCD display fault	If steady alarm, substitution of the UNI
	doG	Fault with card	If steady alarm, substitution of the UNI
	ProGrAM	Error on the checksum of the metrological data	If steady alarm, substitution of the UNI
	rAM	Saved memory fault	If steady alarm, substitution of the UNI
	MEMoriS	Bad writting into the memory	If steady alarm, substitution of the UNI
	FuLL	If a measurement result, not older than 3 months, is about to be erased	If steady alarm, substitution of the UNI
	MEtro_	Configuration loss	If steady alarm, substitution of the UNI
bAttErY	Low battery	Substitution of the batteries	
totAL_	Totaliser fault	If steady alarm, substitution of the UNI	
dEF_MEM	Loss of backup data concerning the last measurement	If steady alarm, substitution of the UNI	

CHECK THE METER, CONFIGURE PARAMETERS

CHECK THE METER ACCURACY

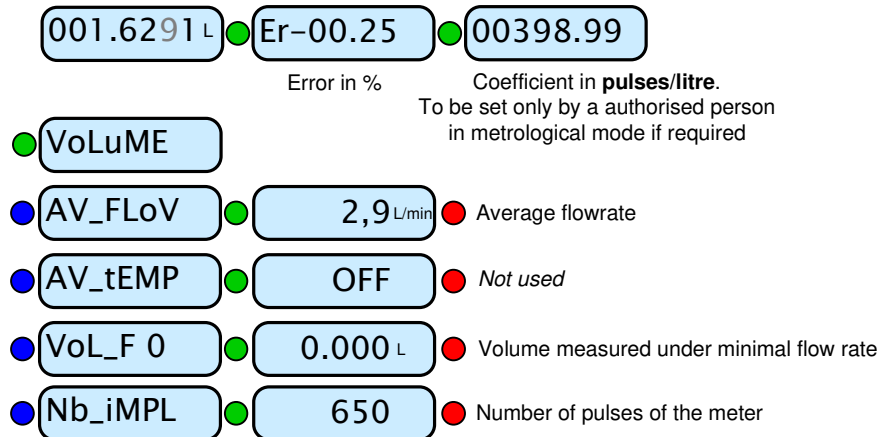
Check the accuracy of the meter during the calibration with a gauge.
At the end of a dyeing coloration, follow the procedure below:

▲ CHOOSE THE CALIBRATION MENU



▲ SET THE VOLUME READ ON THE GAUGE

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



CONFIGURE PARAMETERS

⚠ FACTORY SETTINGS MUST NOT BE MODIFIED IN ORDER TO ENSURE THE DEVICE IS OPERATING PROPERLY. Setup should be done under cover, metering off.

The configuration parameters can only be modified after the processor configuration switch on the electronic card has been switched over. **Only authorized personnel can modify these parameters**

