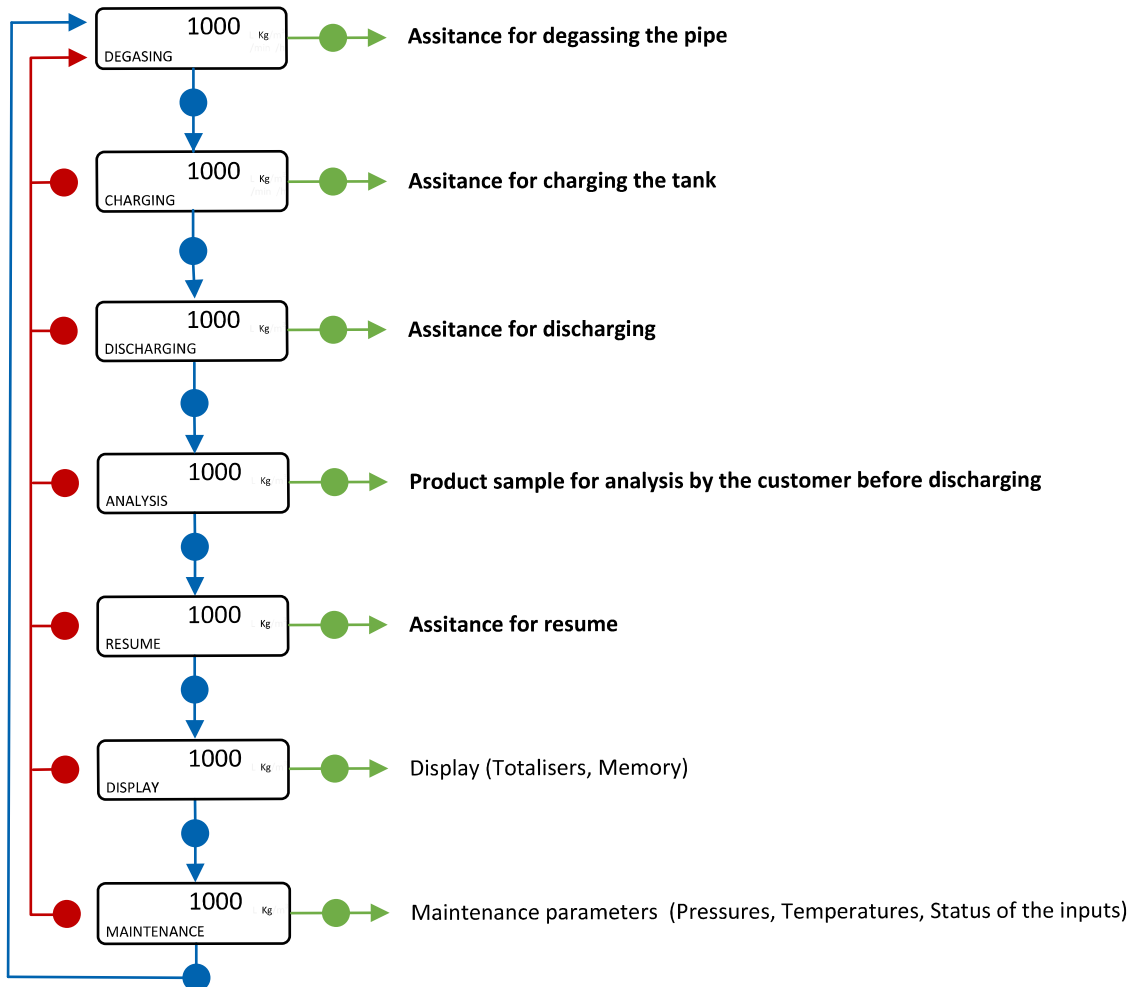
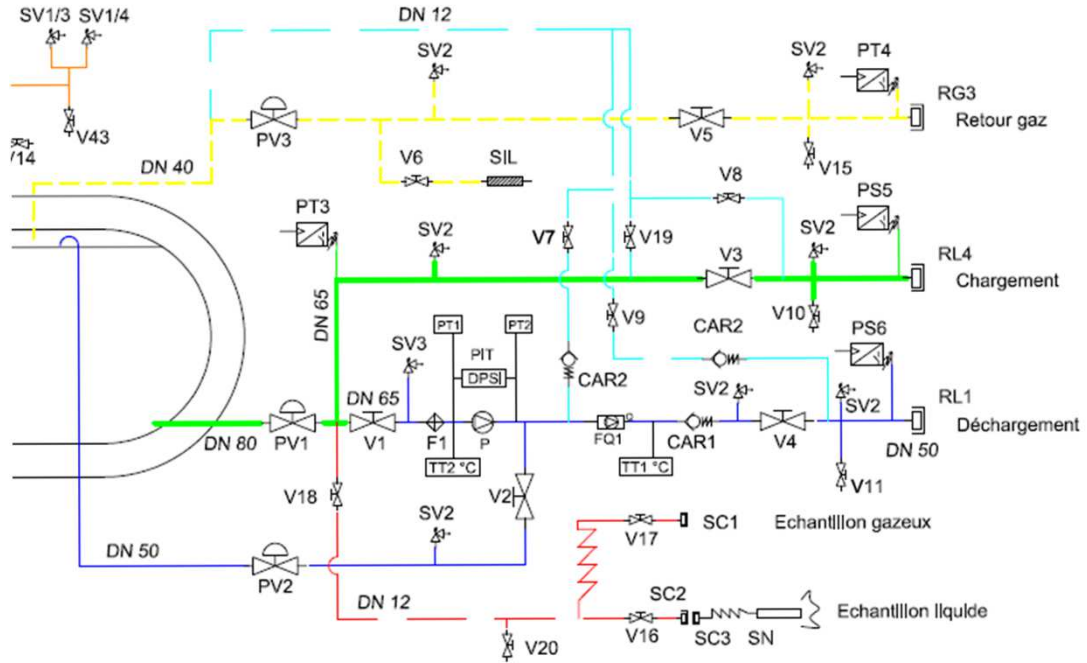


This document sketches out the main menus (please refer to operating manual MU 7092 EN for further information)

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



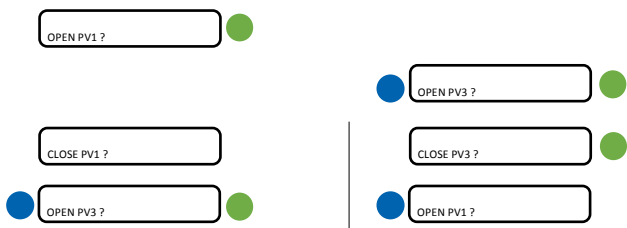
CHARGING

1. CARRY OUT THE OPERATION

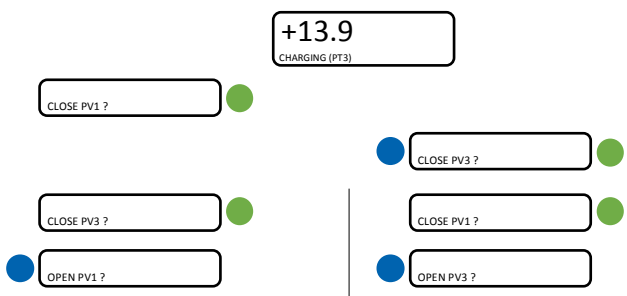
☞ Connect the hoses

PRESSURE CHARGING

☞ Open V19 and V8 to put the pipe under pressure. Then close V19 and V8. Open V3 and V5



Condition for charging: PV1 and PV3 open



Condition to end operation: PV1 and PV3 closed

2. CONTINUE THE OPERATION

CONTINUE OPERATION

● Start the operation

3. END THE OPERATION

● END OPERATION

● Continue the operation (§2)

4. COMPLETE THE OPERATION

CLOSE VALVES ?

☞ Open V19 then V10 and V15 to drain the pipe

PRESSURE PUMP

PRESSURE LIQUID

PRESSURE HOSE

OPERATION FINISHED

☞ Close again all the valves and disconnect the hose(s)

Back to main menu

Interruption of the operation

▶ APPEARANCE OF A FAULT AND DISPLAY OF AN ALARM

(see list of alarms)

● Continue (§2) or end (§3) the operation

▶ INTENTIONAL INTERRUPTION OF THE OPERATION

● ARRÊT OPERATION

● Continue (§2) or end (§3) the operation

Display the delivery information

During an operation, the information that follow are available. Values are displayed 10 seconds

● +13.9
PRESSURE LIQUID

● +13.9
GAS RETURN (RG3)

● +13.9
CHARGING (RL4)

⚠ With active option

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

MEANING OF SYMBOLS

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

ANALYSIS

1. CARRY OUT THE OPERATION

👉 Connect the analysis device(s)

PRESSURE ANALYSIS

👉 Open V19 and V18 to put the pipe under pressure. Then close V19

OPEN PV1 ?

ANALYSIS (PT3)

👉 Open V16 for liquid sample or V17 for gas sample. Close the valve

CLOSE PV1 ?

Interruption of the operation

▶ APPEARANCE OF A FAULT AND DISPLAY OF AN ALARM

(see list of alarms)

● Continue (§2) or end (§3) the operation

▶ INTENTIONAL INTERRUPTION OF THE OPERATION

ARRET OPERATION

● Continue (§2) or end (§3) the operation

Display the delivery information

During an operation, the information that follow are available. Values are displayed 10 seconds

PRESSURE LIQUID

CHARGING (RL4)



With active option

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

2. CONTINUE THE OPERATION

CONTINUE OPERATION

● Start the operation

3. END THE OPERATION

END OPERATION

OPERATION FINISHED

● Continue the operation (§2)

4. COMPLETE THE OPERATION

CLOSE VANNES ?

👉 Open V18 and V17 (or V16) to drain the pipe

PRESSURE PUMP

PRESSURE LIQUID

PRESSURE HOSE

OPERATION FINISHED

👉 Close again all the valves and disconnect the hose(s)

Back to main menu

DEGASSING

1. CARRY OUT THE OPERATION

👉 Connect the hose(s)

PRESSION RETOUR GAZ

👉 Open V5 to put the pipe under pressure

OPEN PV3 ?

DEGASSING (PT4)

CLOSE PV3 ?

2. COMPLETE THE OPERATION

CLOSE VANNES ?

👉 Close V5

PRESSURE PUMP

PRESSURE LIQUID

PRESSURE HOSE

OPERATION FINISHED

👉 Close again the valves and disconnect the hose(s)

Back to main menu

MEANING OF SYMBOLS

▲ Mandatory action

▲ Optional action

▶ Event during delivery

👉 Action by operator

DISCHARGING

1. PREPARE THE OPERATION

👉 Supply the variator

👉 Connect the hose(s)

SINGLE HOSE
 DOUBLE HOSE

Validate with

PRESSURIZE PUMP

👉 Open V1

👉 Open V2 at 1/3 of its capacity

👉 Open V7 to put the pipe under pressure. Then close it back

OPEN PV2 ? PRESURE LIQUID

OPEN PV1 ?

Start pump cooling

PUMP COOLING

Control pump cooling

PRESSURIZE HOSE

👉 Open V9 then close it back

👉 Open V5 with double hose

2. CARRY OUT THE OPERATION

▲ START THE OPERATION

START DISCHARGING START PUMP? PRIMING

👉 Open V4 while closing V2

DISCHARGING

Interruption of the operation

▶ APPEARANCE OF A FAULT AND DISPLAY OF AN ALARM

(see list of alarms)

Continue (§3) or end (§4) the operation

▶ INTENTIONAL INTERRUPTION OF THE OPERATION

ARRET OPERATION

Continue (§3) or end (§4) the operation

Display the delivery information

During an operation, the information that follow are available. Values are displayed 10 seconds

- PUMP SUCCION
- PUMP OUTLET
- PRESSURE LIQUID
- GAS RETURN (RG3)
- CHARGING (RL4) With active option
- DISCHARGING (RL1) With active option
- METER TEMPERATURE
- PUMP TEMPERATURE

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

3. CONTINUE THE OPERATION

280 kg
CONTINUE OPERATION

Start the operation (§2)

4. END THE OPERATION

END OPERATION 999 kg OPERATION FINISHED 999 kg

Continue the operation (§3)

5. COMPLETE THE OPERATION

CLOSE VALVES ?

👉 Open V2, V4 and V7 then V11 (and V15) to drain the pipe(s)

PRESSURE PUMP

PRESSURE LIQUID

PRESSURE HOSE

OPERATION FINISHED

👉 Close again the valves and disconnect the hose(s)

Back to main menu

MEANING OF SYMBOLS

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

RESUME

1. PREPARE THE OPERATION

Supply the variator


Connect the hose(s)

Validate with 

Open V2

Open V1

Open V19 to put the pipe under pressure. Then close it back




Open V5 with double hose

Open V8 then close it back



Open V3




Start pump cooling



Control pump cooling


2. CARRY OUT THE OPERATION

START THE OPERATION


Interruption of the operation

APPEARANCE OF A FAULT AND DISPLAY OF AN ALARM

 Continue (\$3) or end (\$4) the operation











INTENTIONAL INTERRUPTION OF THE OPERATION



 Continue (\$3) or end (\$4) the operation


Display the delivery information


During an operation, the information that follow are available. Values are displayed 10 seconds

- 
- 
- 
- 
-   With active option
-   With active option
- 
- 

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


3. CONTINUE THE OPERATION




 Start the operation (\$2)

4. END THE OPERATION

 Continue the operation (\$3)

5. COMPLETE THE OPERATION







Open V3 and V5 then V10 and V15 to drain the pipe



Close again the valves and disconnect the hose(s)

Back to main menu

MEANING OF SYMBOLS

-  Mandatory action
-  Optional action
-  Event during delivery
-  Action by operator

LIST OF ALARMS

	DISPLAY	MEANING	ACTION
USER	STOP OPERATION	Intentional interruption of the operation	Continue or end the operation
	POWER SUPPLY PROBLEM	Power outage during the operation	Check the cause
	LOW FLOW FAULT	Low flowrate (lower than minimal flowrate)	Check the hydraulic system
	HIGH FLOW FAULT	High flowrate (greater than maximal flowrate)	Reduce flowrate
	EM METERING PROBLEM	Metering problem with the measuring device	Check if the pulse transmitter is powered (red indicators)
	DIARY FAULT	Reset of the events diary	Acknowledge the alarm, check the date in supervisor mode (RFID key)
	DISPLAY FAULT	Problem with display card	If steady alarm, substitution of the display card
	WATCHDOG FAULT	Fault with display or power card or AFSEC+ card	If steady alarm, substitution of the faulty card
Three tricolour LED on the MICROCOMPT+ front face are showing the wireless connection status as described in the operating manual MU 7092			
REPARATOR	TOTALISER LOST	Loss of totaliser	Substitution of the backup battery
	PRODUCT TEMP FAULT	Incorrect product temperature measurement	If steady alarm, see a reparator for trouble shooting
	PUMP TEMP FAULT	Incorrect pump temperature measurement	If steady alarm, see a reparator for trouble shooting
	CAVITATION FAULT	Incorrect pump Delta-P	Check the circuit pressure, If steady alarm, see a reparator for trouble shooting
	MEMORY LOST(PILE)	Loss of saved memory	Substitution of the backup battery
	MEMORY LOST	Error on SIM memorization	Substitution of the backup battery
	DATE AND TIME LOST	Loss of date and time	Set date and time in supervisor mode (RFID key)
	COEFFICIENTS FAULT	Deviation between coefficient LF/HF	Modification of the low flow coefficient (K1)
	PROM FAULT	When updating the app	No required action
		Loss of software or resident integrity	Substitution of the AFSEC+ electronic card
	RAM FAULT	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	The oldest recording is older than 3 months
	PT1 FAULT	Problem with pressure transmitter PT1	Make sure PT1 is operational
	PT2 FAULT	Problem with pressure transmitter PT2	Make sure PT2 is operational
	PT3 FAULT	Problem with pressure transmitter PT3	Make sure PT3 is operational
PT4 FAULT	Problem with pressure transmitter PT4	Make sure PT4 is operational	