Operating mode

Programming Mode

Programming mode is accessed by holding the ENT key for 3s. This mode allows the user to access and change all the setting parameters of the board and alarms.
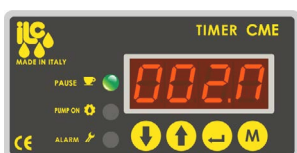
Caution! In order to memorise the programming of all entered changes, hold the **Enter key for at least 5 seconds** after the changes have been made.
Then, the pump will automatically start for one cycle.

Key	Function
⬇	Circularly scrolls the parameters downwards Increases the value of a parameter
⬆	Circularly scrolls the parameters upwards Decreases the value of a parameter
⏎	If held for 5+ seconds, saves changes and switches to Operating mode
Ⓜ	Accesses the parameter edit / validates a set parameter and goes back to the overall parameter list.

Menu type selection

Setting Reduced Menu

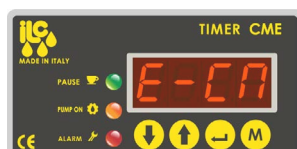Hold the ⏎ key down for 3 seconds to start programming

The word E-CM appears with the 2 LEDs flashing on the left.
Press the button Ⓜ

Select CM-b using ⬆ ⬇
Press Ⓜ

E-CM appears. E-CM is now in Reduced Menu mode.

Setting Complete Menu

Hold the ⏎ key down for 3 seconds to start programming

The word E-CM appears with the 2 LEDs flashing on the left.
Press the button Ⓜ

Select CM-F using ⬆ ⬇
Press Ⓜ.

E-CM appears. E--CM is now in Complete Menu mode.

Pause and operating Mode setting** (complete and reduced menu)

Pause time in h/m/s (FU-PL) Working time in m/s

From E-CM Press ⬆ . E-FU appears
Press Ⓜ .

Select FU.PL using ⬆⬇ .
Press Ⓜ to confirm and return to E-FU.

From E-FU, press ⬆

E-PM appears. Press Ⓜ .
Set a pause time from 2 to 999 minutes
using ⬆⬇ . Press Ⓜ to confirm.

Press ⬆ . E-PH appears. Press Ⓜ . Set
a time from 0 to 999 hours using ⬆⬇ .
Press Ⓜ to confirm.

Press ⬆ . E-LS appears. Press Ⓜ . Adjust
the operating time in seconds from 3 to a
999 using ⬆⬇ Press Ⓜ to confirm.

Press ⬆ . E-LM appears. Press Ⓜ . Set a
working time from 0 to 999 minutes using
⬆⬇ . Press Ⓜ to confirm.

Select E-CM using ⬆⬇ .
If the set-up is complete press ⏎ for 5
seconds.

Pause time in pulses (FU-IL) Working time in m/s

From E-CM Press ⬆ E-FU appears.
Press Ⓜ .

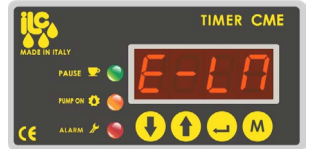Select FU.IL using ⬆⬇ .
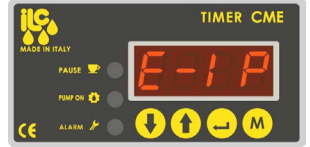Press Ⓜ to confirm and return to E-FU.

From E-FU, press ⬆

E-LS appears. Press Ⓜ . Adjust the
operating time in seconds from 30 to a 999
using ⬆⬇ Press Ⓜ to confirm.

Press ⬆ . E-LM appears. Press Ⓜ . Set a
working time from 0 to 999 minutes using
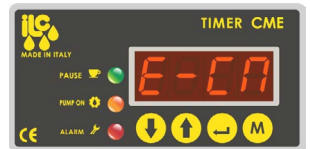⬆⬇ . Press Ⓜ to confirm.

Press ⬆ . E-IP appears. Press Ⓜ .
Set the pause in pulses from 2 to 9999
using ⬆⬇ . Press Ⓜ to confirm.

Select E-CM using ⬆⬇ .
If the set-up is complete press ⏎ for 5
seconds.

ILC MAX

Pause and operating Mode setting** (complete and reduced menu)

Pause time in h/m/s (FU-PL) Working time Cycles

From E-CM Press ⬆. E-FU appears Press Ⓜ.

Select FU.PC using ⬆⬇. Press Ⓜ to confirm and return to E-FU.

From E-FU, press ⬆

E-PM appears. Press Ⓜ. Set a pause time from 2 to 999 minutes using ⬆⬇. Press Ⓜ to confirm.

Press ⬆. E-PH appears. Press Ⓜ. Set a time from 0 to 999 hours using ⬆⬇. Press Ⓜ to confirm.

Press ⬆. E-CS appears (set cycles). Press Ⓜ.

Select with ⬆⬇
01-16 Cycles span
17-32 Cycles span
33-48 Cycles span
Press Ⓜ to confirm.

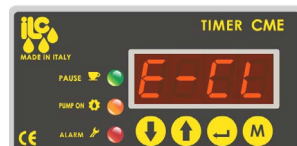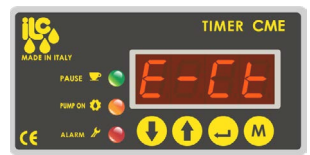

E-CS Appears. Press ⬆.

E-CL Appears. Press Ⓜ.

Set the value of the selected Cycle span with ⬆⬇. Press Ⓜ to confirm.

E-CL Appears. Press ⬆. (Follows in the next column of this page)

E-CT Appears (Cycle control). Press Ⓜ.

Set the Cycle control time from 2 to 3000 seconds with ⬆⬇. Press Ⓜ to confirm.

E-CT Appears (Cycle control). Press ⬆.

E-CM appears. If the set-up is complete, press ⏎ for 5 seconds.

Advanced programming (complete menu only)

Enable/Disable Extra Cycle

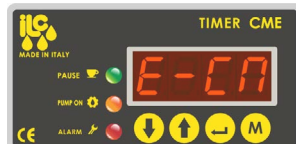Start from E-CM. (complete menu mode)

Select E-AE using ⬆️⬇️
Press Ⓜ️

Select with ⬆️⬇️
AE-0 reset/extra cycle not enabled
AE-1 reset/extra cycle enabled
Press Ⓜ️ to confirm.

Pre-lubrication enabling

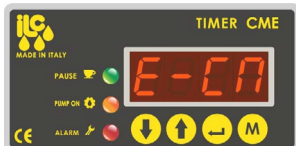Start from E-CM. (complete menu mode)

Select E-PL using ⬆️⬇️
Press Ⓜ️

Select with ⬆️⬇️
PL-0 memory
PL-1 restart from working time
Press Ⓜ️ to confirm.

Enable/Disable Overpressure Alarm

Start from E-CM. (complete menu mode)

Select E-AP using ⬆️⬇️
Press Ⓜ️

Select with ⬆️⬇️
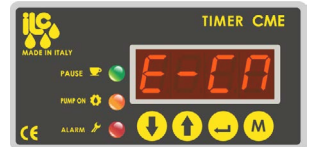AP-0 off
AP-1 on
Press Ⓜ️ to confirm.

In the event of an alarm, the display will show 1.1AL. This alarm does not block the pump if triggered.

Enable/Disable Cycle Alarm
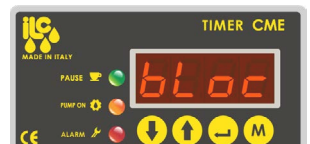
Start from E-CM. (complete menu mode)

Select E-AC using ⬆️⬇️
Press Ⓜ️

Select with ⬆️⬇️
AC-0 cycle alarm not enabled
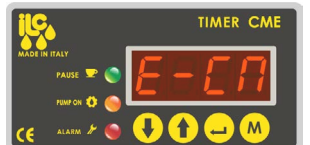AC-1 cycle alarm enabled
Press Ⓜ️ to confirm.

In the event of an alarm, the display will show bloc.
This alarm blocks the pump if triggered.

Enable/Disable Low Level Alarm

Start from E-CM. (complete menu mode)

Select E-AL using ⬆️⬇️
Press Ⓜ️

Select with ⬆️⬇️
AL-0 alarm not enabled
AL-1 alarm enabled
Press Ⓜ️ to confirm.

In the event of an alarm, the display will show 1.1AL. This alarm does not block the pump if triggered.

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Level alarm enabling

Start from E-CM. (complete menu mode)

Select E-AL using ⬆ ⬇
Press Ⓜ

Select with ⬆ ⬇
AL-0 alarm not enabled
AL-1 alarm enabled
Press Ⓜ to confirm.

In the event of an alarm, the display will show 1.1AL. This alarm does not block the pump if triggered.

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