

MANNUAL HANDBOOK
revision 1

Automatic sharpening cycles counter MLC-03

Sharpening cycles counter **MLC-03** is designed for automatic start of the saw filing tool cycle, and for controlling this process.

After set up used saw the number of its teeth should be provided using **DWN** and **UP** buttons.

Short pressing of the buttons changes value ± 1 , holding down the buttons increase speed of the changing values.

Giving the information about the teeth number using **CYCLE** button set up number of the sharpening cycles (this value means sharpening of each tooth accordingly). Each pressing **CYCLE** buttons increase value of rounds about 1 within 1-10 number of cycles.

First properly setting the saw in the sharpener and provided parameters of the process on the screen of the counter **MLC-03**, next use the **START** button to begin sharpening. It causes start of the power transmission to the sharpener plate and next after few seconds, when it rotates with optimal speed the saw feed starts as well. The sharpening cycle starts.

When sharpener makes programmed number of cycles counter stops it automatically (**END** is displayed on the screen). Process of the sharpening can be stopped in any time using **RESET** button.

If during process lack of the electric power appear after restoring counter **Pur** appears on the screen.

To continue stopped cycle press **START** button.

To break before running process press **RESET** button.

If during process on the screen **Er1** is shown, that means or break in the connection of the power to the micro-switch which gives the impulses in counting the teeth number or the micro-switch is broken.

To continue fix the possible wire break or remove the micro-switch.

Connetcion of the MLC-03:

Input 12V – power transformer 230/12V

Input W 1 – electric circuit of the contactors (this input after finishing of the cycle pull apart for about 1s what causes disconnection of the electric circuit and eventually turn off the sharpener).

Input W 2 – switching on the power contactor of the sharpening plate electric motor

Input W 3 - switching on the power contactor of the saw feeding electric motor.