


## User handbook

### csTimer Desktop Version (only for Rubik's clock)

Program goal:

The main program goal is to help speedcubers use comfortable timer, that can show scramble, average time (average of five solves), list of current session solves times and import/export results to/from timer.

User handbook:

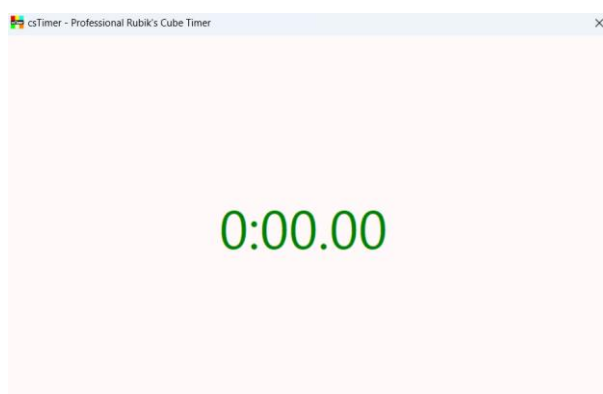
1. After launching csTimer.exe file,  csTimer.exe program main page opens (**look 1. image**):



(1. image program main page)

2. At the top you see the scramble (**look 1. image**), that you can apply to your Rubik's Clock.

3. After pressing space key on your keyboard and waiting a bit, timer colour changes to green (**look 2. image**), that means you can release space key and timer will be started:



(2. image starting the timer)

4. When you finish your fast puzzle solve, your solving time will appear at the left side of the page (**look 3. image**), under the “Current session”:



(3. image time saving)

5. You may try to do more than one solve, in this case, if you do five solves, program will count your average time (program takes the worst and best times, removes it and counts last three solves average arithmetic, as official rules is). Average time will appear under the timer (**look 4. image**):

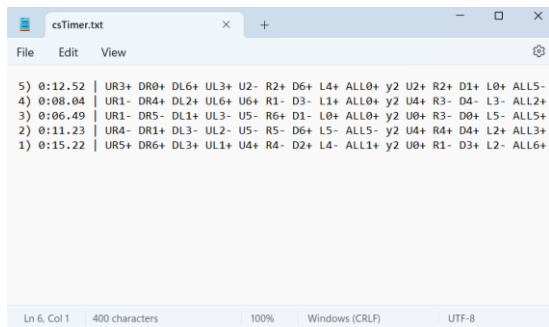


(4. image average time)

$$(12.52 + 8,04 + 11,23) / 3 \approx 10,60$$

6. At the right top corner of the page, you may see button "Next" (**look any, except 2. and 5. images**), if you click on it, program will change your current scramble to another.

7. Left bottom corner has two buttons "Export to file" and "Import from file" (**look any, except 2. and 5. images**). If you click "Export to file", it will save your results to cStimer.txt file, showing the time and scramble with whom you got this time (**look 5. image**):



(5. image csTimer.txt)

8. After clicking on "Export to file", you can close the program and when you will open it again, you can click on "Import from file" (look any, except 2. and 5. images), that will import your results from last session into current (but it will remove your current session results, be careful and after opening program, immediately click on "Import from file").

**Good solves and lucky scrambles!**