Alexander Bondarenko, originator
Website: https://www.pyrodetector.com

SIMULATOR OF PYROELECTRIC DETECTOR

Simulator of pyroelectric detector version 1.11 (2020)

Power-on-reset function is added.
I, Alexander Bondarenko, the author of this simulator, *apologize for* the typo in the name of Alan Fantom that I had made in the previous version of the simulator, 1.1, and found later. *I am sorry, Mr Fantom*.

Simulator of pyroelectric detector version 1.1 (2020)

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Because of the pandemic in 2020, many Universities have to deliver the lessons in the distance where the real experiments have to be replaced with virtual simulators. This simulator is designed for educational purposes at universities, private schools, etc. The software is distributed «as is», free of charge. This simulator is also allowed to be used for commercial purposes worldwide. The software is based on the book *«Mathematical Modeling of a Pyroelectric Detector» (2018)* written by this author. The book is available on Google Books in full preview. Two more books are available in full preview as well. Such as, *«Mathematical Processing of a Pyroelectric Detector: Time Domain» (2019)* and *«The World"s First Achievement: The Art of Professional Mathematical Approximation of a Pyroelectric Detector» (2020)*. All the books are available on Google Books in full preview.
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How to:

1) The file .iso is **not** an image file! Do **not** mount it into the virtual drive!
2) This file was compressed with 7-zip. Use 7-zip to decompress the .iso file.
3) The .exe file was checked with virustotal.com. It is 100% clean. Before running, please, **check** this file with virustotal all by yourself one more time.
4) This simulator is **not** installed. It is a portable version.
5) Once working, the simulator **saves** the generated data into a .txt file in the folder «Data». So, before running, please check if the account gives permission for the simulator to save the files. Additional permissions or administrator privileges may be required. Without permissions, this simulator may become irresponsible.
6) Use the generated .txt data file for further processing, for example, in a spreadsheet, for your academic articles.

I dedicate this simulator to Igor Klyuchnik, my «academic father».

Please, note that I reserve the right to **ignore** any message, call, chat, video or the other way of communication.

Kind regards.