

Dear Customer,

thank you for choosing **SP5701 EasyPET kit**, a user friendly and portable PET system, designed to explore the physical and technological principles of the conventional human PET scanners.

In this suitcase you find:

- n.1 Printed Circuit Board (PCB) equipped with electronics and two detectors, each composed of a LYSO scintillator crystal optically coupled to a SiPM;
- n.2 stepper motors;
- n.1 Microcontroller unit;
- n.1 Holder for radioactive source;
- n.1 DT5770 a compact portable Digital MCA;
- n.3 MCX-LEMO cables;
- n.1 LEMO-BNC adapter;
- n.1 AC/DC adapter (+12 V out);
- n.1 AC/DC adapter (+5V out);
- n.2 Mini USB (2.0) cables;
- n.1 Quick Start Guide and Documentation.

ATTENTION: SOFTWARE DOWNLOAD REQUIRED

EasyPET kit is controlled through a graphical user-friendly interface which allows setting the acquisition parameters, visualizing the reconstructed image in real time during acquisition and performing different didactic experiments related to PET imaging, as well as

Download Sites:

- **USB DRIVERS & CONTROL SOFTWARE:** Software/Firmware section of the Educational webpage. From the homepage of our website:
Home / Products / Educational / Educational Kits / Nuclear & Modern Physics... / SP5701

For a better and faster comprehension of the EasyPET kit features, we suggest follow the Quick Start Guide.

For any further information about CAEN SiPM kits, please visit our website or contact us via Support form (<https://www.caen.it/support-services/support-form/>).