

LogarTech Ltd.

LT-403

INTELLIGENT INTERFACE FOR GAMMA PROBES

The LT-403 is an intelligent interface specially designed for devices that provide impulse number equivalent to the measured value.

The LT-403 provides power supply for the probe and processes the received pulses. The internal microcontroller performs the counting of the pulse in each second, stores the data to the memory and calculates the value of the current dose with a digital filter. A different process monitors the network interface – the traffic of the network, the processes, the algorithms and it generates and send the answers.

The interface uses a special algorithm for the calculation of the current dose that provides fast reaction time when the measured value suddenly changed.



Technical parameters:

- Area of operation: indoor and outdoor
- Ambient temperature: -20°C - +60°C
- RS-485 interface
- CE compliance
- It is type-tested with LB6360 by MKEH, it can be certified

References:

- Krakow University PET Gamma and neutron dosimetry system
- Kaposvár Hospital PET Ciklotron Gamma and neutron dosimetry system
- University of Szeged Nuclear Medicine Gamma dosimetry system
- Institute of Isotopes Co., Ltd. KFKI, Gamma dosimetry system
- Institute of Isotopes Co., Food irradiation
- Hungaroster Ltd, Food irradiation, Vietnam (2 systems), Estonia
- Persecutor Ltd., High activity radiation sources safety system
- AKD Zastita Croatia, High activity radiation sources safety system
- Bosnia-Hercegovina, High activity radiation sources safety system
- University of Debrecen, Ciklotron Gamma dosimetry system
- MTA KFKI EK 2 systems
- Radioactive Waste Management Ltd, Püspökszilág