MP-DC025

DOSE CALIBRATOR

The MecMurphil dose calibrators are placed at the top of their category in terms of stability, accuracy and repeatability.

The programs present inside the software package includes all the routine controls related to quality assurance, daily and weekly.

The MecMurphil dosecalibrators fully respond to all the standards in the industry, allowing the operator to easily perform all the operations necessary to maintain the functionality of the instrument.

The software has been developed to ensure ease of use, reliability and data security.

TECHNICAL SPECIFICATIONS

- o Large LCD Touch-Screen panel
- o Virtual keys
- o functionality required by the regulations
- o Routine daily quality checks
- o Data of measurements and quality checks permanently saved in an SQL database and can be exported.

- o Interfacing to the main Nuclear Medicine Management Software
- o Two levels of password
- o Main isotopes stored
- o Unlimited isotopes and unlimited geometries settable
- o Customizable label Print

MecMurphil
www.mecmurphil.com

SOFTWARE

The software of the calibrators is designed to be easy and accessible for use even the least expert.

The large LCD screen provides the ability to interact with the tool via large virtual buttons, ideal for use of the device in laboratory using the gloves.

Being made for the laboratories of Nuclear Medicine and the PET Centers, the calibrators are provided with all the functionality required by the rules and useful to the daily routines.

Display: LCD color touch screen 12.1 "

TECHNICAL SPECIFICATIONS

Shielding of the ionization chamber 4 mm Pb

Energy range: 25 keV - 4 MeV

Filling gas: Argon ultrapure

Resolution: 0.001 MBq

Repeatability over 24 h:

Electrometer accuracy: within ± 2% over the entire measuring range

Electrometer Linearity: within ± 2% over the entire measuring range

Electrometer response time: 0.2 - 10 sec

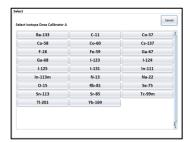Zero Electronic Measurement and High Voltage, Database permanent calibration sources,

Calculation of activity at the time of the application

Communication Doors: n. 3 USB n. 1 Ethernet

Generate reports (PDF) exportable via USB

Refresh measurement: 10 sec max, min 0.5 sec

Maximum activity 20 Ci (F-18)

Power supply: 110-230 V - 50/60 Hz

Maximum current draw: 0.4 A @ 110 Vac, 0.2 A @ 230 Vac

Unlimited geometry set

ACCESSORIES INCLUDED

Label printer capable of generating self-adhesive labels extensively customizable.

The labels can be attached on cable shields for syringes and can then be easily removed.

OPTIONAL ACCESSORIES

KIT-MP-Mo99SA

Canister for the quality control of the eluate.

Referring Sources solid geometry in 27 ml vials

133-Ba: 250μCi - accuracy ± 5% - 99% confidence level

137-Cs-250 μCi accuracy ± 5% - 99% confidence level

SIZE AND WEIGHT

Console Dimensions: (w x d x h) mm 310 x 160 x 310

Console Weight: 1.2 Kg

Internal dimensions of: (ø xh) mm 280 x 70

External dimensions of the chamber: (ø x H) mm 150 x 349

Chamber Weight 14.2 Kg

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