

Cobia Instruments - Selected Accessories

Introduction

Ludlum Measurements now offers our customers a growing selection of Cobia instruments and accessories. These compact, sensitive, and easy-to-use tools automatically recognize the associated external probes and ion chambers thereby giving them plug-and-play capabilities and streamlining the process for the operator. Bold digits are used on a large color geotropic display that is rotatable, adjusting to any angle automatically and reorienting the screen for ease of reading. Colors of instruments may vary from what is shown. Contact your Ludlum Measurements Sales Representative for more information.



Dose Probe: Designed to perform very low dose rate measurements, this solid-state detector's minimalist cross-section minimizes interference with AEC (Automatic Exposure Control) on X-ray equipment. The compact size also enables it to fit into the table bucky. The fast response time makes it ideal for both pulsed and continuous fluoroscopy. The probe automatically identifies the connected Cobia instrument and automatically adjusts, requiring no input from the user.



Part Number 99-9916



Chamber Adapter: Provides users with the option to use up to five different tri-axial cable equipped ion chambers with their Cobia Flex instruments. Adapter cable required if ion chamber does not have LEMO type O connector. The device is optimized for use with CT and Mammo applications but may be used in other procedures.

Part Number 99-9925

CT Ion Chamber - 10 cm: A pencil-shaped air ionization chamber that measures and monitors the exposure output level of CT scanners in air or in a phantom. It measures the CT Dose Index, or CTDI, in accordance with IEC 61223-2-6. This device connects to the Cobia instruments via a chamber adapter.



Part Number 99-9926



T20 Dose Detector: Measures patient entrance dose (skin dose) and maximum dose rate in radiographic and fluoroscopic fields. Its small size eliminates an effect on system output or the X-ray beam. It has a built-in correction filter for different beam energies, thereby producing a flat energy response without the need to compensate. Energy independency, measuring range, and angular dependency fulfill the IEC directive for dose detectors (RQR50-150kV).

Part Number 99-9918

Light Probe: The Light Probe is designed with the same spectral response as the human eye. It measures the brightness on monitors and film viewing boxes, along with the ambient light of the area for QA requirements of modern X-ray departments. The spectral response complies with the CIE curve $V(\lambda)$.

Part Number 99-9915

