

Nanosecond Pulse X-Ray Portable Plasma Chamber®

Model: TBM-IC-PULSE-X

Pulsed X-Ray Response

Dose Rate Range:	1 mR/h to 50 R/h in a single range (8 digits)
Total Dose:	1 mR to 10 R (6 digits) in a single range
Pulse Width Range:	20 nano-seconds to continuous emission
Repetition Rates:	Single pulse to 1000/second and above
Wide Energy Range:	2 KeV to 10 MeV and above
High Dose Limits:	2 KeV to 10 MeV and above

User should inform TA of highest-expected: 10-second, total-dose exposure

Detector:	Sealed Air ion chamber 2" dia. Internal volume 50 cc
Inside Wall:	Plastic plus graphite lining
Cap:	Removable protective cap
Window:	1.7" dia. x 0.5 mg/cm ² Kapton

Electronics

Readout:	LCD 8 digits with backlight
Count Lamp:	Green Flashing LED
Over-Range:	Red LED Indicator
Range Rate:	6 digit 0.01 R/h to 100R/h in a single range
Audio Alarm:	User settable anywhere within TBM range
Electrometer:	Solid State MOSFET input.
Electronics:	Analog to Digital converter LCD drivers
Batteries:	NEDA 15A, 6 ea. (AA)– 200 hour life NEDA CR-1220 - 7 years life
Dimensions:	5-1/2" x 3-1/2" x 8" including handle
Weight:	2.9 lbs. complete with batteries

Options:

- Other Rate or Integrated Ranges
- Other Readout Units such as SI units: Sv and Sv/h.
- Chamber sleeves or caps
- X-Ray-SLV is X-Ray compliance sleeve with 10cm² aperture.



Rate Mode – Green Light



Pulse Mode – Red Light



TECHNICAL ASSOCIATES OVERHOFF TECHNOLOGY

7051 ETON AVENUE, CANOGA PARK, CALIFORNIA 91303
PHONE: 818-883-7043 | FAX: 818-883-6103

SALES@USNUCLEARCORP.COM | TECH-ASSOCIATES.COM | USNUCLEARCORP.COM

DIVISIONS OF



USNUCLEARCORP

OTCQB-UCLC