ADVANCE SCIENCE

INNOVATION | PRECISION | PERFORMANCE

PC Based Thermoluminescence Dosimeter (TLD) Reader

MODEL NO. : AS-TLD-600



Advance Science PC Based Thermoluminescence Dosimeter (TLD) Reader is a high performance instrument designed for accurate and reliable reading of thermoluminescent dosimeters. It provides precise measurement of radiation dose with controlled heating profile and excellent temperature accuracy for research, radiation monitoring and dosimetry applications.

HIGH TEMPERATURE | **HIGH ACCURACY** | **RELIABLE PERFORMANCE** | **SAFE OPERATION**

TECHNICAL SPECIFICATIONS

Parameter	Specification
Heating Profile	Linear
Maximum Temperature	600 deg Celcius
Heating Method	Contact, linear with temperature accuracy better than +/- 1 deg
Heating Rate	1°C/sec – 50°C/sec
Heating Element	Kanthal Strip with welded thermocouple (k-type) for Temperature Control

KEY FEATURES

- PC based operation for data acquisition and analysis.
- Linear heating profile.
- Maximum temperature up to 600°C.
- Contact, linear heating with temperature accuracy better than ± 1°C.
- Wide heating rate range (1°C/sec – 50°C/sec).
- Kanthal strip heating element with welded K-type thermocouple.
- Accurate and reliable TLD reading.
- Suitable for research and radiation dosimetry applications.

APPLICATIONS

Radiation Dosimetry | Research Laboratories | Medical & Health Physics | Nuclear Industry | Educational Institutes

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