

Upgrade your Model 6600 to a Model 6600 Plus



Harshaw TLD Model 6600 Plus Automated TLD Reader Upgrade Package

The most technically advanced dosimetry system for whole body, extremity, neutron and environmental monitoring.

All in one Dosimetry Solution. The only system you will ever need.

Features and Benefits

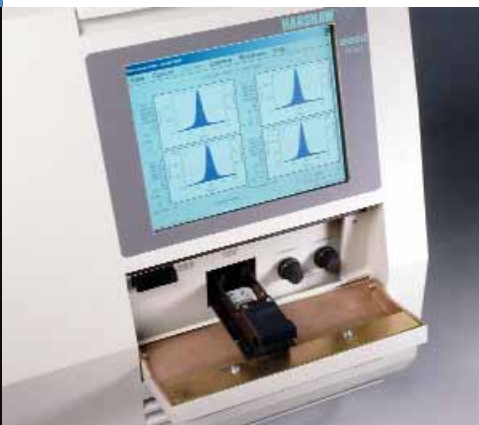
- **Based on proven worldwide success of the Model 6600**
- **One dosimetry solution, not multiple readers, for:**
 - whole body – betas, photons and neutrons with a single dosimeter
 - extremity
 - environmental
- **Significant labor and cost savings with enhanced dosimetry performance**
- **Significant time savings with automatic calibration capabilities**
- **Built-in automatic dosimeter calibration capability**
 - Lets you decide when to recalibrate
 - Puts you in control of your system
 - Non-proprietary technology
- **Exceeds IEC, ISO and ANSI performance requirements**
- **Extensive built-in automatic QC tests & high MTBF**
- **Flat Panel display and touchscreen operation**
- **TLD does not have the disadvantages of OSL materials and technologies**

WinREMS User Software

The reader is supplied complete with menu-driven software for implementation in the external PC.

This includes:

- Main and setup menus
- Automatic calibration procedures for the reader, calibration dosimeters and field dosimeters
- Adjustable time-temperature profiles (TTPs)
- Read dosimeters function
- Glow curve and temperature profile is available for display and further analysis
- Current integral and dose
- Dosimeter data tracking
- Date and time on each record
- Up to four regions of interest
- High and low dose alarm settings
- Tests for reference light and dark current limits
- Reader quality assurance procedures
- Electronics QC
- Maintenance menu
- Electronic log book
- Optional analysis software
- Optional Windows™ based dose calculation algorithms for personnel, environmental and extremity dosimetry that meet USA and International standards.



The Harshaw TLD Model 6600 Plus is a very versatile medium capacity dosimetry solution. All you will need for your personal and environmental monitoring requirements, with significant built-in labor and cost-saving features.

M6600 STANDARD TO M6600 PLUS UPGRADES

Upgrade Features:

- Automatic dosimeter & reader calibration
- Extensive software for calibration, diagnostics and maintenance
- Enhanced activity log and history queue with both text and numerical information
- Improved card handling capabilities
- Robust on-line help functions
- User definable alert tones
- User software based on Windows™ architecture
- Greater electronics Integration for DXTRAD extremity capabilities
- 800 x 600 color touch screen display
- Touch screen keyboard
- Keyboard and mouse

$^{90}\text{Sr}/^{90}\text{Y}$ Internal Irradiator for Calibration and QC

- Dosimeter calibration under your total control so you do not have to rely on proprietary technology
- Calibration process totally automated in the reader to significantly reduce time and labor costs
- Only one calibration required for individual element calibration factors - far exceeding batch calibration accuracy
- Dosimeter stability allows extended intervals of several years between recalibration
- No need for an expensive and large ^{137}Cs source
- The only system in the industry to utilize an internal irradiator and to perform automatic calibration
- Maximize the use of your existing irradiator



**Leading
Dosimetry
Services use
Harshaw TLD
Instruments and
Material.**

Solutions for your Dosimetry Requirements



- Dosimetry you can count on for the long term with over 40 years of experience, innovation and support.
- One provider for all your dosimetry requirements with high vertical integration of materials, instruments, software, technology, service and support.
- We provide you with a completely integrated solution from one vendor.
- System tested to ANSI, IEC & ISO requirements.
- 100% QC on all dosimeter cards and new generation dosimeter holders with documentation available upon request.

Determine Configuration

Determine reader configuration using "Upgrading Model 6600 Reader to Model 6600 PLUS Reader" technical notice, publication number 6600PC-N-0-1104-001. Readers with DXT-RAD option also require configuration D upgrade listed below. Upgrades independent of EXT-RAD option.

Configuration A

- If** This is an older Reader prior to serial number 9711153.
- and**
- This Reader is not CE compliant.
 - This Reader has the old power supply, either Lambda LST-39-144 or Lambda HKT100-SFF.
 - This Reader has the old style covers that are white on the inside rather than being copper-clad..
- else** Go to Configuration B.

Configuration B

- If** This is an older Reader after serial number 9801156.
- and**
- This Reader has a CE compliant power assembly ASTEC LPQ 113.
 - This Reader has old style covers sprayed on the inside with a black CE compliant shielding.
- else** Go to Configuration C.

Configuration C

- If** This is an older Reader after serial number 9801156.
- and**
- This Reader has a CE compliant power assembly ASTEC LPQ 113.
 - This Reader has the new CE compliant covers that are copper-clad inside.
- else** This Reader does not match configuration A, B, or C. Please send pictures and a description of the reader.

Configuration D

- If** This Reader has the DXT-RAD Camera System.
- else** Complete the form: Upgrade Model 6600 to Model 6600 PLUS Order Form.

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