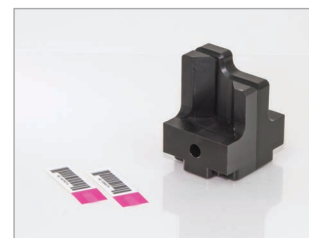


ABOUT THE DOSECONTROL® DOSIMETRY SYSTEM

The DoseControl dosimetry system integrates a powerful 21CFR Part 11 conforming dosimetry system with a Thermo Scientific™ spectrophotometer, controlling the measurement process and making it simple to create and maintain dosimetry records. This system is a versatile solution for industrial routine dosimetry applications, and can accommodate several different types of dosimeters, such as B3, FWT, and PMMA.

- ▶ High-performance Thermo Scientific spectrophotometers: Designed to be simple and fast with unsurpassed performance and data accuracy.
- ▶ DoseControl measurement software: Designed specifically to meet the needs of industrial dosimetry, this software combines data integrity with speed and reliability.
- ▶ Specialized dosimeter holders: Customized for the B3 DoseStix, B3 WINdose, FWT and PMMA dosimeters, these holders easily pop into the spectrophotometer without the need for tools to install.

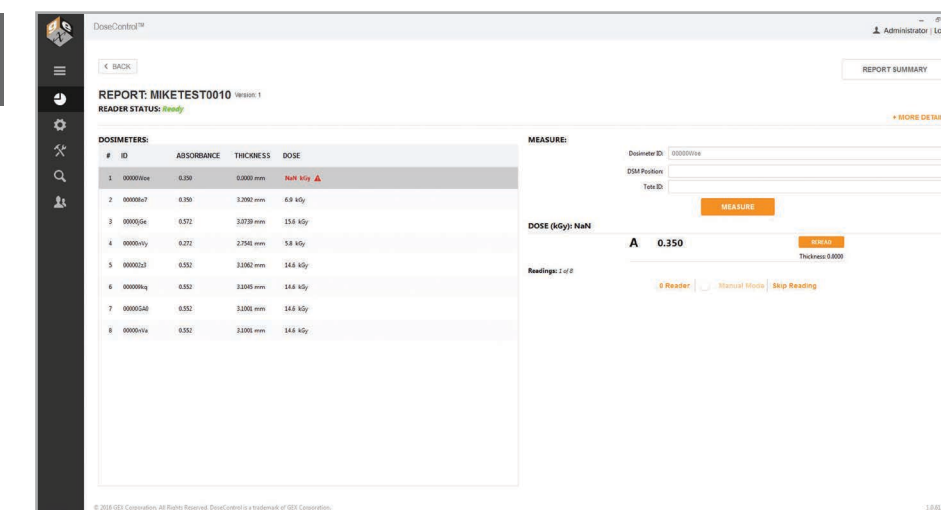


DOSECONTROL® SOFTWARE: COMPLETE DATA INTEGRITY

- ▶ Ensures absolute integrity of B3 DoseStix dosimeter measurements by linking them to a simultaneously scanned barcode ID number.
- ▶ Ensures absorbance and thickness measurements of Red and Amber Perspex are linked with absolute certainty because they are measured simultaneously in the same dosimeter holder.

Features

- Administration of irradiation pathways, dosimeter batches, spectrophotometer fleet, laser micrometers, and dosimetry system calibrations
- Verification of spectrophotometer serial number, wavelength, and spectral bandwidth with each measurement to match dosimeter batch calibration configuration.
- Manages and controls the measurement process flow in accordance with user-determined practices including rereads.
- Version control of dosimetry measurement reports (print, export data).
- 21 CFR part 11 compliant.
- Provides user access and permissions control.
- Integrates with customer's enterprise database (optional) to pull data into dosimetry reports (e.g. dose specifications) or push data back.



Important Benefits

- Automatic selection of batch calibration curve for each report based on user input or stored data (configurable)
- Uniformity in measurements results – Every measurement follows the same process, as defined by your software administrator.
- Eliminates user error by controlling workflow and eliminating decisions.
- Electronic audit trail – who did what, when, and why.
- Data security managed by your own corporate IT policies.
- Easy to use, modern user interface in Windows®

CHOICE OF THERMO SCIENTIFIC™ SPECTROPHOTOMETER



Thermo Scientific™ Evolution™ 220 UV-Visible Spectrophotometer

- For B3, FWT, CTA and PMMA (such as Harwell Red Perspex) dosimeters.
- Specialized holders for B3 DoseStix, B3 WINdose, and PMMA dosimeters.
- Internal barcode reader for B3 DoseStix.
- Internal laser micrometer for PMMA dosimeters; simultaneously reads dosimeter while measuring thickness.
- Xenon lamp lifetime guaranteed for 3 years continuous use (typical is 5 years)
- Automated, hands-free performance verification with validated Thermo Scientific tools.
- Enclosed light tube - no need to close lid during readings.
- Fully integrates with DoseControl software.



Thermo Scientific™ GENESYS™ 30 Visible Spectrophotometer

- For B3, FWT and CTA radiochromic dosimeters
- Specialized holders for B3 DoseStix, B3 WINdose, and CTA dosimeters.
- External barcode reader.
- Halogen lamp lifetime 1000 hours.
- Performance verification done using Thermo Scientific Standards 2 Kit.
- Enclosed light tube - no need to close lid during readings.
- Fully integrates with DoseControl software.



The dosimeter's absorbance and dose are recorded at the same time as the barcode ID.

Operating Platform

- User Workstations:
- Windows 7-10 x32 or x64
 - At least 4 GB RAM
 - 2.0 GHz processor - or higher
- Application Database Servers
- SQL Server 2008 R2
 - or higher
 - At least 50 GB
 - hard drive space
 - At least 8 GB RAM

About GEX...

WHO WE ARE

Since 1991, GEX is a single source provider of a complete range of dosimetry products and services for the radiation processing industry. We serve the complete spectrum of gamma, e-beam, and x-ray radiation process applications, such as medical device sterilization, surface decontamination, the curing of inks and coatings, and food irradiation.

WHAT WE DO

We offer everything you will need for a successful dosimetry program:

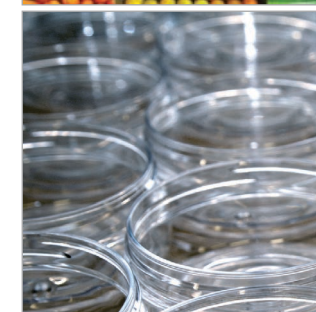
- Dosimetry Systems
- Dosimeters
- Dosimetry Software
- Accessories
- Procedures
- Dosimeter Batch Calibration Services
- Customer Support
- Expert Experience and Knowledge



www.gexcorp.com
sales@gexcorp.com
+1 303 400.9640

Dosimetry. Simplified.

DoseControl[®] Dosimetry System



THE IDEAL SOLUTION FOR INDUSTRIAL RADIATION PROCESSING APPLICATIONS

Makes operations efficient and audits easy

- ▷ Powerful software provides step-by-step management of the dosimetry workflow
- ▷ 21 CFR part 11 compliant
- ▷ Ensures measurement integrity