

FEATURES

Genesis Ultra TLD

- Virtually no fade
- MRD of 1 mrem (0.01 mSv) available upon request
- Wear periods from one week to one year
- Unique serial number for identification and tracking
- Whole-body, wrist and area monitoring configurations
- Provides thermal, intermediate and fast neutron dosimetry capability
- Improved label with larger fonts and wear locations
- Enhanced ergonomics

| Technical Specifications | Genesis Ultra TLD Dosimeter |
|--|---|
| Description | 4 element TLD (3 ⁷ LiF:Mg, Cu, P [TLD700H] and 1 ⁶ LiF:Mg, Cu, P [TLD600H]) |
| Badge Type | 36= Genesis Ultra TLDMCP 35= Genesis Ultra TLDMCP with CR39 |
| Holder Type | DA, DB, DL, DW |
| Accreditations/Approvals/Licenses | NVLAP (Code: 100555-0) HSE (United Kingdom) DoELAP*** |
| Minimum Reportable Dose | 1 mrem (0.01 mSv) |
| Useful Dose Range | 1 mrem - 1000 rad (0.01 mSv - 10 Gy) |
| Energy Response | Beta 0.251 MeV - 5 MeV Photon 5 keV - 6 MeV Neutron (TLD): Thermal - 6 MeV Neutron (CR39): 200 keV - 6 MeV ** |

**Neutron energies up to 20 MeV with CR39 and special calibration.

***DoELAP accreditation only applies to the Genesis Ultra with CR39

> Dosimetry Services Division

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