

UltraSlim®

Independent laboratory testing, bench testing, animal testing, IRB clinical trials, international standards accreditations, and U.S. patents awarded for the UltraSlim® include:

- IEC 60601-1:2012 reprint Medical Electrical Equipment - Part 1 General Requirements for Basic Safety and Essential Performance
- IEC 60601-1-2:2007 Medical electrical equipment. General requirements for basic safety and essential performance. Collateral standard. Electromagnetic compatibility. Requirements and tests.
- IEC 60601-2-57:2011, Medical Electrical Equipment - Part 2-57: Particular requirements for the basic safety and essential performance of non-laser light source equipment intended for therapeutic, diagnostic, monitoring and cosmetic/aesthetics
- ANSI/AAMI ES60601-1:2005/(R) 2012 and A1:2012, C1:2009/(R)2012 and A2:2010/(R)2012 - Part 1 General Requirements for Basic Safety and Essential Performance
- ISO14971:2007
- IEC 62471:2006 Photobiological safety of lamps and lamp systems
- ISTA 3A Shipping & Handling (ASTM) testing
- ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories
- Toxikon Animal Testing 14-00947-N1 Non-GLP Report
- Bench Testing "Comparison of Red Light Transmission Through Skin and Subcutaneous Fat" (comparison with low-level laser lipolysis)
- FDA Good Manufacturing Practices
- FDA Clearances K160880, K150336 and K202361
- ClinicalTrials.gov (NCT02867150), with Summary Report, "A Retrospective Analysis of the Effects of Red Light Therapy on Body Contouring"
- Manufactured subject to US Patent No. 9,044,595 B2, 9,498,641 B2, 9,808,314, 10,946,210, and 63/074,79.

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Specs	Measurement
Output Intensity	105 mW/cm² at 17cm
Standard Dose	50.4 or 126 J/cm²
Wavelength	635nm +/- 2nm
Power Density	1600 mW per diode, with 150 light emitting diodes
Treatment Time	8 or 20 minutes
Max. Treatment Area	23" x 17"
Interface	Internet of Things (IoT)
Cooling	Forced air cooling
Electrical	300 W, 110Vac, 3A, 60Hz
Max. Touch Voltage	0.046v
Dimensions	66" x 24.5" x 24"
Weight	115 lbs (52 kg) with carton
Maximum Incline	30° Without Tipping Over
Environment	+5°C to +35°C at 10% to 90% relative humidity
Average Fat Loss/Visit	3 1/2" 1,580ml of fat
Minimum Fat Loss/Visit	1 5/8" 716.6ml of fat
Maximum Fat Loss/Visit	10" 4,608.2ml of fat