



Product Comparison

- **Derma-Wand Handisol Model UV-C-112 UV-C Lamp**
- **MedFaux UV-C Lamp**

Both units produce UV-C radiation with 254 nm wavelength at therapeutic levels to eradicate bacteria for the purpose of wound healing.

	MedFaux	Derma-Wand
Output intensity *	1.8 mW/cm² nominal	3.6 mW/cm² nominal
Exposure time **	180 s	90 s
Height control	None	Stainless steel guide rails to maintain 1" height above wound surface
Visible light output	None	Faint blue light to show footprint of treated area
Built in timer	No	Yes, Digital Timer
Shatter control safety feature for UV-C tubes	UV-C transparent plastic window	Integral Teflon sleeves on each of the two UVC tubes
Health Canada Medical Devices Listing	No	Yes. Licence 4656
CSA electromedical certification	No. (Requires CSA special inspection.)	Yes. CSA certified. Equipped with hospital cord.
Configuration	Single unit with UV-C tubes, on/off switch and ballast.	Light-weight wand, with a 2 m detachable cable. Separate controller unit houses the timer, on/off switch and ballast.
Tamper control	None	Mechanical key lock
Total features	4	10

* UV-C light output intensity, at 1" operating height, as measured with a Model HR4000 spectrometer, traceable to national standards.

**Typical 0.3 joules/cm² bactericidal UV-C dose for infected wounds.

Conclusion: With a larger treatment area and higher intensity the Derma-Wand treats wounds faster, and has important user-friendly features.