



Steve Hardaker <viamed.steve.hardaker@gmail.com>

AW: Ceratherm IR wavelength

1 message

Daniel Urfer <Daniel.Urfer@ewimed.com>
To: Steve Hardaker <steve.hardaker@viamed.co.uk>

16 April 2025 at 16:04

Dear Steve

The standard specifies a wavelength range from 1.4um to 10um (IR-B and IR-C range).

The heating elements generate a wavelength of around 3 um (measured). However, the manufacturer of the heating elements declares a possible range of 2 - 10 um in the data sheet.

Hence this information. However, this is all within the range of the standard specifications and is not relevant for patients.

Hope this is helpful.

Best regards

Daniel

Freundliche Grüsse | Meilleures salutations | Distinti saluti | Best regards

Daniel Urfer

Geschäftsleiter / QM



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Von: Steve Hardaker <steve.hardaker@viamed.co.uk>

Gesendet: Mittwoch, 16. April 2025 14:57

An: Daniel Urfer <Daniel.Urfer@ewimed.com>

Betreff: Ceratherm IR wavelength

Hi Daniel,

Can you or one of your technical team advise me on this question?

The general description in the Ceratherm 600-3 manual states an infrared wavelength of 3 μm but the specifications in the same manual state 2 - 10 μm . Can you clarify which is correct?

13 Instruction Manual CERATHERM 600-3



4. General Description

The built-in ceramic heater has very good radiation properties and generates invisible infrared radiation of around 3 μm . This radiation spectrum is absorbed very effectively by the skin and causes no harm to the patient's eyes.

	-Relative air humidity: 20 to 90% (no condensation)
Heating element	Ceramic, 600 W, wavelength 2-10 μm (IR-B/C)
	LED: 1 x 3W / 700mA / 1.5V, colour temperature 4000°K, without

Thanks in advance.

Best regards,

Steve Hardaker
Technical Support Manager
Viamed Ltd.

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