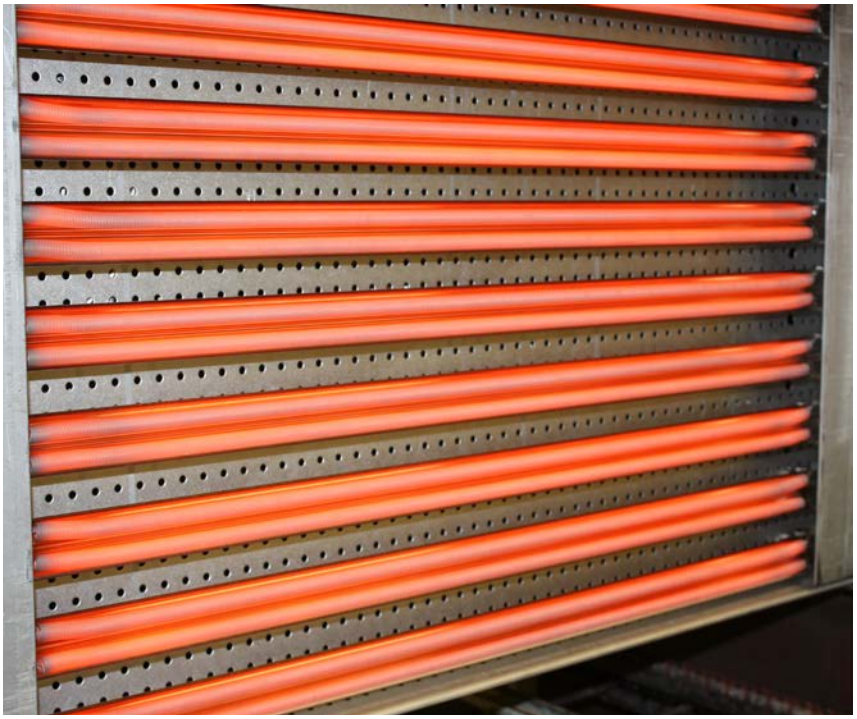
Medium Wave Plus

Medium Wave Infrared Emitter for Higher Output and Faster Heating



The New Infrared Emitter

Our medium wave infrared emitters are versatile and can be used for many procedures and processes.

The new medium wave plus emitter offers more power and a shorter heat-up time. This means that the desired temperature is reached quickly and time is saved.

The Right Wavelength.

Depending on the temperature of the heating coil, an infrared heater emits different amounts of radiation in different wavelength ranges. It is important to select the right emitter for the product, as the wavelength of the infrared radiation has a considerable influence on the heating process. Short-wave radiation penetrates deep into solid materials and ensures uniform heating.
Medium wave radiation is readily absorbed in the outer layer and heats the surface in particular. Medium wave radiation is absorbed particularly well by many plastics, glass and especially water and is then converted directly into heat.

Medium wave radiators are characterised by high efficiency, stability and durability.
The spectrum is well suited for heating processes in most materials.

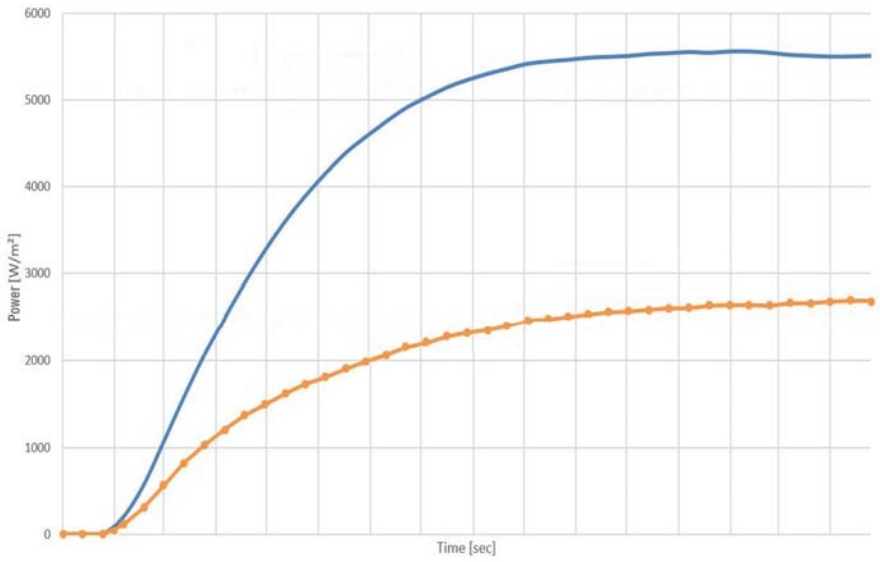
excelitas®

Medium Wave Plus

Product Overview

- Medium wave infrared emitters up to 50 W/cm heated length, state of the art up to now up to 30 W/cm,
- filament temperature in both cases up to 1000°C
- New production parameters enable a new generation of medium wave infrared emitters
- Time-to-power means from room temperature to 90% output: approx. 25% time saving
- Almost double the power means almost double the heating speed with suitable materials
- Infrared emitters up to 1 metre long
- For drying applications, plastic welding or glass heating

COMPARISON: MW PLUS (GOLD), 50W/CM, 230V/15,6A VS. MW STANDARD 09755054 (GOLD) 25W/CM



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For a complete listing of our global offices, visit www.excelitas.com/locations

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