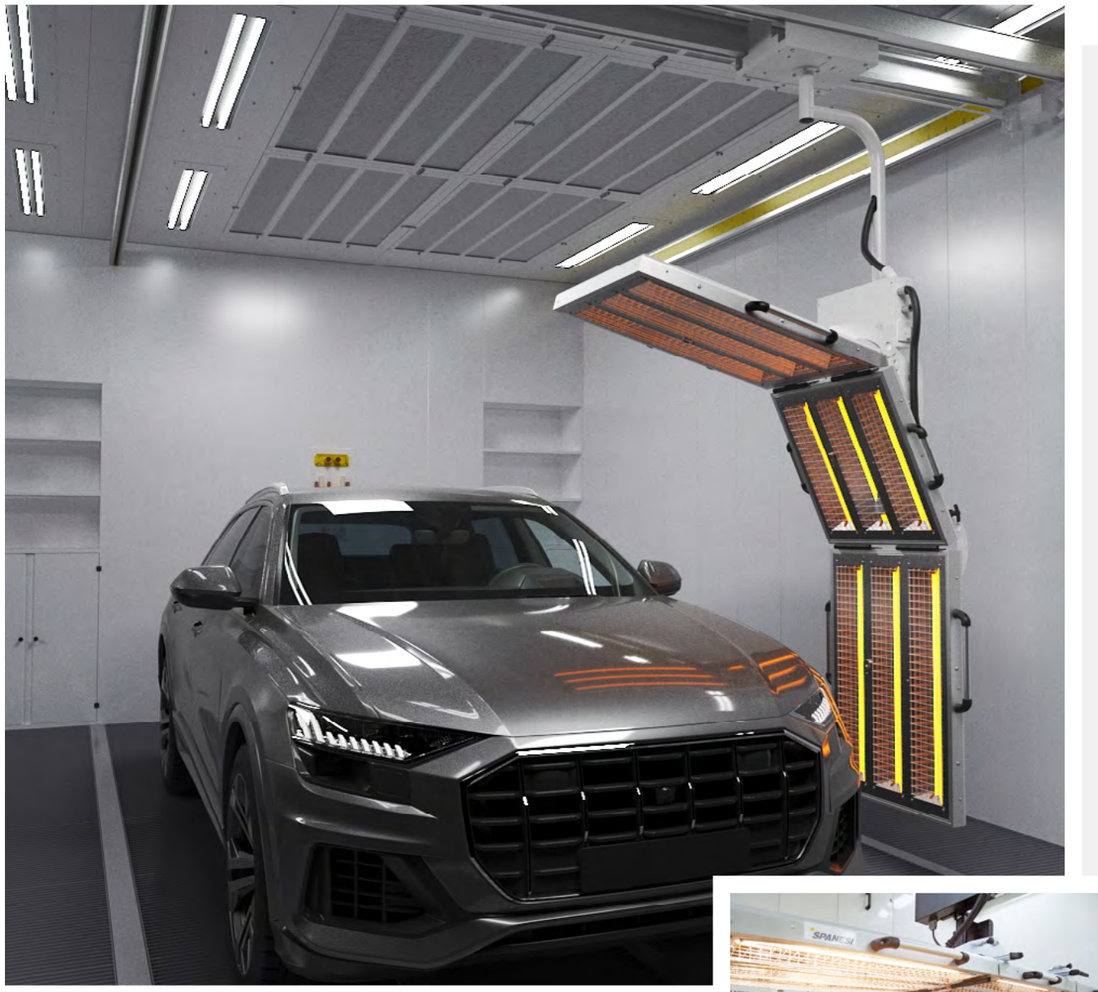
SPANESI®

Infrared & UV-A Curing Lamps



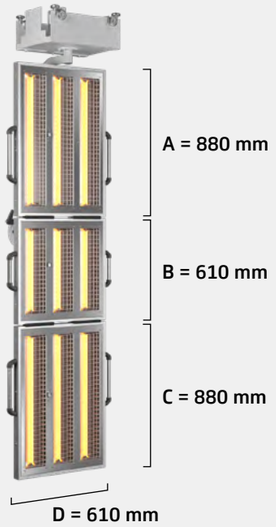
Semi-automatic aerial curing systems

INFRAMATIC series semi-automatic aerial curing systems use infrared heating elements.
They also allow the integration of UV-A LED panels, to dry products and components sensitive to this technology, allowing for increased efficiency and throughput.

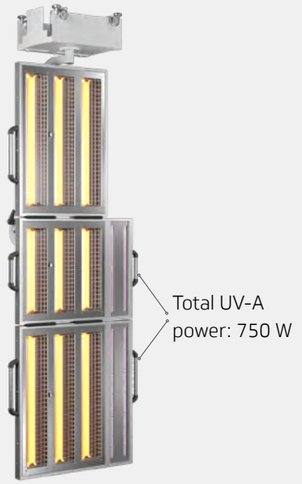
The space saving installation on aluminum rails allows for movement of the lamps along the length and width of preparation areas and spray booths. Each panel has a pyrometer for temperature control, and being individually adjustable and usable, it allows radiations to reach even the most difficult spots, resulting in reduced spray booth cycle times.

Compared to conventional curing lamps, Inframatic EVO 2 lamps feature high-efficiency resistors that allow the beam to be radiated and concentrated only at the front, with an **avergae increase in efficiency of 150% and a 35% energy savings.**

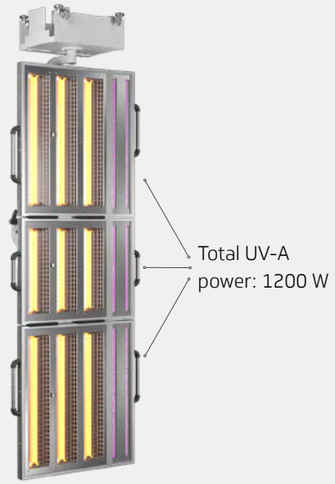
INFRAMATIC EVO2



INFRAMATIC EVO2+2 UV-A

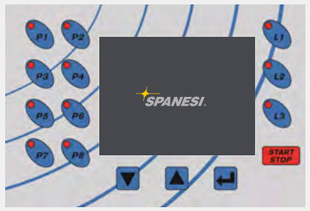


INFRAMATIC EVO2+3 UV-A



PYROMETER

Temperature control on each panel.



CONTROL PANEL

5.7” color display

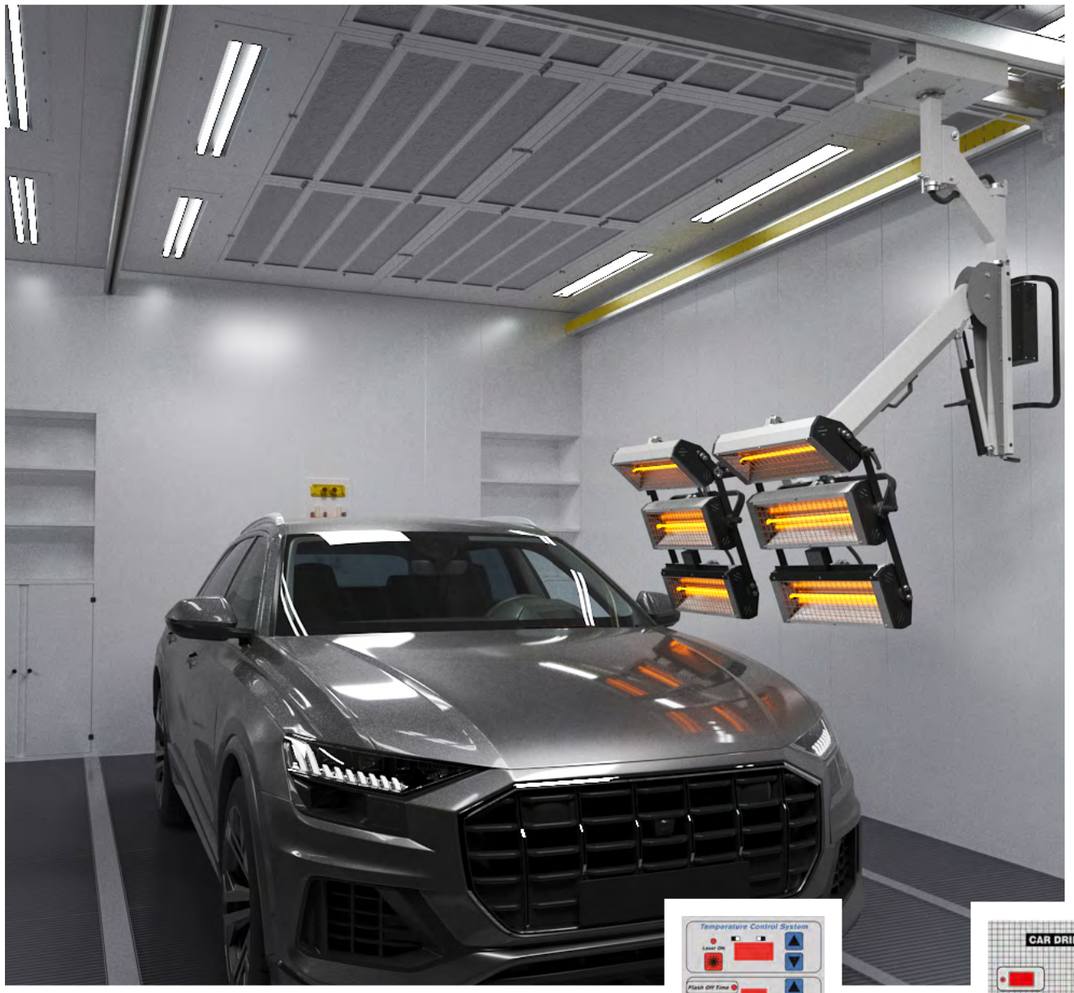
PORTABLE UV-A LAMP (*)

OPTIONAL

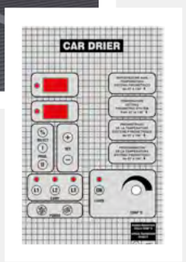
(*) Only for Versions: INFRAMATIC EVO2+2 UV-A / INFRAMATIC EVO2+3 UV-A
Electrical output 150 W per manual lamp. Wavelength 395 mm +/- 5 mm.
Power density 400mW/cm2 (5 cm from the substrate)

Main features

- IR electrical power: 16.5 KW
- Supply voltage: 400V 3F + PE 50/60Hz opt. 200-230 3F + PE 50/60Hz.
- Sliding rail height: 2500 - 4000 mm.
- Type of radiation: short-wave infrared.
- Motorization: brushless, maintenence-free, stepper motors.
- Temperature control by means of 3 pyrometers (1 per panel).
- Individual panel control with 8 programs.
- Automatic temperature and speed control according to the set value.
- Adjustable direction radiant panels to suit the surface to be dried.



8-Program Electronic control panel



Electronic control panel

Aerial curing systems

The range of aerial curing systems is designed to optimise space and make the drying process more efficient.

Dryers are installed on special aluminium rails that allow the lamps to be positioned and moved (length and width wise) to the most suitable location within the preparation areas and spray booths, reducing space requirements.

Each lamp can be adjusted by height and angle to achieve the optimal surface radiation, increasing efficiency and reducing booth cycle times.
The control panel is simple and intuitive and is available in “Electronic” and “8-Program Electronic” versions.

MAREA 3
3-panel aerial system (*)

Emission	**Short wave**
Length of panels	**850 mm**
Power	**3x1500 W**
Power supply	**400V 3F - 400V 3F+N/50-60Hz**
Dried surface	**1,5 m X 1,1 m**
Control type	**Electronic / 8-Program Electronic**
Other features	**Pyrometer**

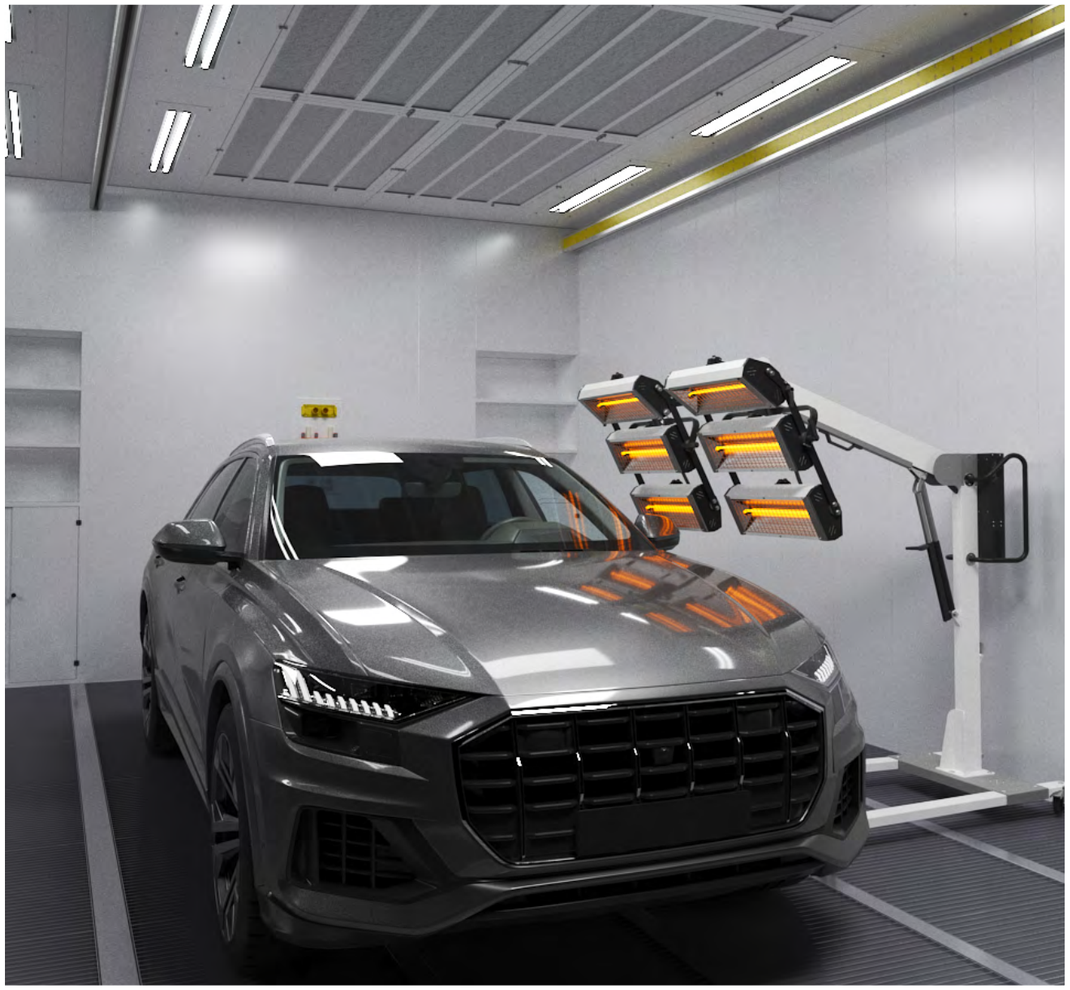
MAREA 6
6-panel aerial system (*)

Emission	**Short wave**
Length of panels	**600 mm**
Power	**6x1500 W**
Power supply	**400V 3F - 400V 3F+N/50-60Hz**
Dried surface	**2,1 m x 1,1 m**
Control type	**Electronic / 8-Program Electronic**
Other features	**Pyrometer**

PORTABLE UV-A LAMP OPTIONAL

Electrical output 150 W per manual lamp.
Wavelength 395 mm +/- 5 mm.
Power density 400 mW/cm2 (5 cm from the substrate)

(*) Compared with conventional curing lamps, infrared lamps feature high-efficiency resistors that allow the beam to be radiated and concentrated only at the front, with an **avergae increase in efficiency of 150% and a 35% energy savings.**



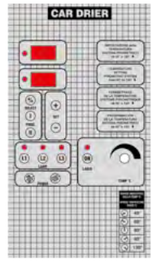
Trolley & Manual Lamps

Mobile trolly dryers can be conveniently used in preparation areas and spray booths.
They cover large drying surfaces such as entire sides, bonnets or individual components.

PORTABLE UV-A LAMP OPTIONAL

Electrical output 150 W per manual lamp.
Wavelength 395 mm +/- 5 mm. Power density
400 mW/cm2 (5 cm from the substrate)

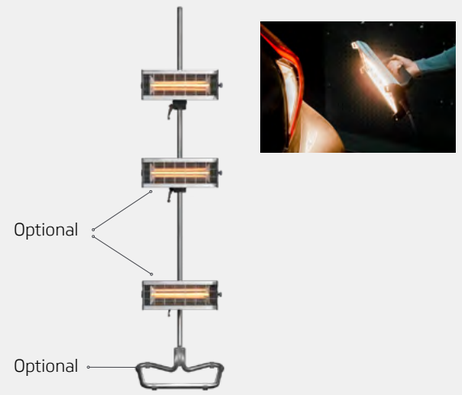
8-Program Electronic control panel



Electronic control panel

MAREA 3
3-panel trolley lamp(*)

MAREA 6
6-panel trolley lamp (*)



MAREA 1
Manual lamp (*)

Electromechanical panel

MAREA 2
2-panel trolley lamp (da 600mm or 850mm)

(*) Compared with conventional curing lamps, infrared lamps feature high-efficiency resistors that allow the beam to be radiated and concentrated only at the front, with an **avergae increase in efficiency of 150% and a 35% energy savings.**

	MAREA 3	MAREA 6	MAREA 1	MAREA 2
Emission	Short wave			
Length of panels	850 mm	600 mm	400 mm or 600 mm	600 mm and 850 mm
Power	3x1500 W	6x1500 W	1 x 1000 W (400 mm) 1 x 1000 W (600 mm) 1 x 1500 W (600 mm)	2 x 1000 W (600 mm) 2 x 1500 W (850 mm)
Power supply	400V 3F - 400V 3F+N/50-60Hz		230V L+N / 50-60 Hz	
Dried surface	1,5 m x 1,1 m	2,1 m x 1,1 m	0,6 m x 0,3 m (400 mm) 0,8 m x 0,3 m (600 mm)	0,6 m x 0,8 m (600 mm) 0,6 m x 1,1 m (850 mm)
Control type	8-Program Electronic / Electronic		Manual / Timer	Electromechanical with timer
Other features	Pyrometer		Optional Timer	Pyrometer (optional)

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