

# Mobile IR-Module Stand IRM-K

## Spot repair – Lacquer drying

**Uncompromising operation guidance  
by smooth-running move adjustment!**

- ▶ Easy changeable IR-modules
- ▶ High penetration depth of the shortwave IR irradiation
- ▶ Automatic temperature control through integrated radiation pyrometer
- ▶ Digital timer 0 ... 9999 minutes
- ▶ On / off switch
- ▶ Optical distance detection
- ▶ Optimal freedom of movement through internal energy input
- ▶ Automatic counter balance
- ▶ Jointed arm with parallel balance enables ergonomic and effective operator guidance
- ▶ Large air filter reduces maintenance as well dusty ambient air (item-no.: 600.2200 / 600.2201)
- ▶ Dual reflector system: the IR emitter is provided with a ceramics reflector on the back and an additional polished aluminium reflector inside the casing
- ▶ Produced according VDE, CE
- ▶ Protection class IP20

The IRM-K stand is a mobile infrared lacquer dryer with different, adaptive small IR-modules. The absolut smooth-running setting of the position and the minimal dimensions allow to work at difficult to access parts of the car body or inside the car.

All IR-modules have an integrated radiation pyrometer with pilot light and are inclinable, swiveling and rotatable about 360° through internal energy guidance. For cooling, the IR-modules have a built-in fan.



IRM-K with  
2 kW IR-Module

Mobile stand IRM-K with an adjustable jointed arm for holding the IR-modules  
(IR-modules have to be ordered separately)

Stand type:	mobile stand with an adjustable jointed arm, 4 wheels (ball bearing mounted), 2 pieces lockable Ø 7,5cm adjustable in height 39...157cm, also 107...225cm Automatic counter balance and parallel compensation 10m connecting cable (silicone-free) with grounded plug silver metallic similar RAL 9007
Available adjustment:	
Mains connection:	
Colour base frame:	
Colour jointed arm, vertical rod and connecting adapter:	
Weight:	off-white RAL 9002 approx. 38 kg
item-no.:	600.1740

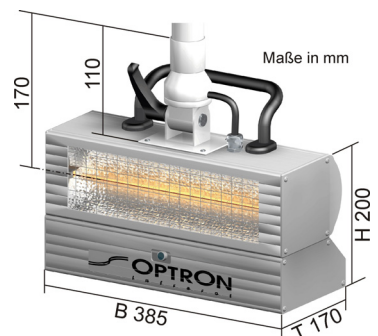


IR-module type 1x 2kW; 230V (50/60 Hz)

**Small design**, suitable for drying works at difficult to access parts.  
Drying surface approx. 300x250mm (width x height)  
at a working distance of 55cm

Colour: alu nature anodised  
Weight: 6.0 kg

item-no.: 600.2200.2



All prices excl. VAT

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All pictures are approximations  
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IR-module type 2x 1.5kW; 230V (50/60 Hz)

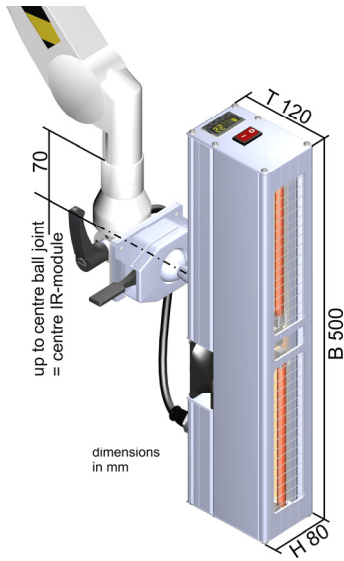
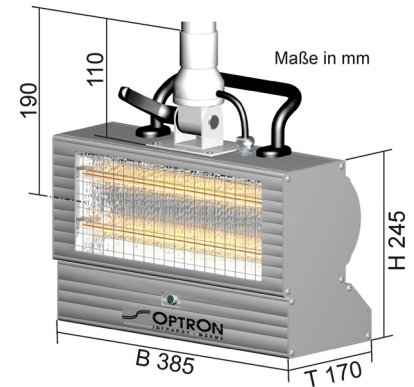
**Compact design**, suitable for drying works at medium-sized surfaces.

Drying surface approx. 300x350mm (width x height)  
at a working distance of 55cm

Colour: alu nature anodised

Weight: 6.4 kg

item-no.: 600.2201.2



IR-module type 2x 0.8 kW; 230V (50/60 Hz)

**Extremely small design**, therefore suitable for drying work at difficult to access parts, for example in the vehicle door area.

With additional ball joint for positioning in all directions.

Drying surface approx. 450x200mm (width x height) at a working distance of 55cm

Colour: alu nature anodised

Weight: 6.0 kg

item-no.: 600.2210.4

IR-module type 2x 1.5 kW; 230V (50/60 Hz)

**Extremely small design**, therefore suitable for drying work at difficult to access parts, for example in the vehicle door area, sill, A/B-pillar, etc.

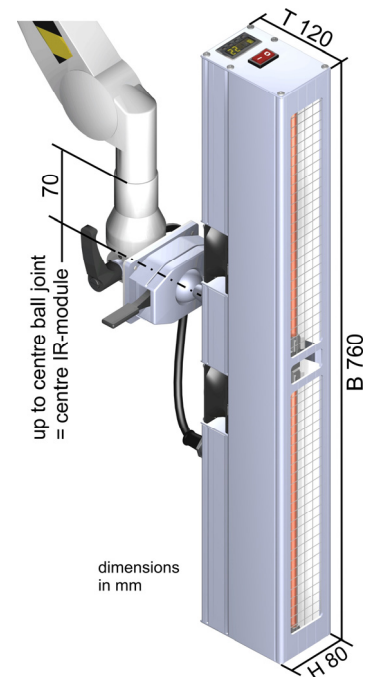
Special execution with additional ball joint for positioning in all directions.

Drying surface approx. 710x200mm (width x height) at a working distance of 55cm

Colour: alu nature anodised

Weight: 7.5 kg

item-no.: 600.2211.3



IR-module for drying middle sized areas.

Power 3.2kW (2x 1.1 kW + 2x 0.5kW), 230V (50/60 Hz)

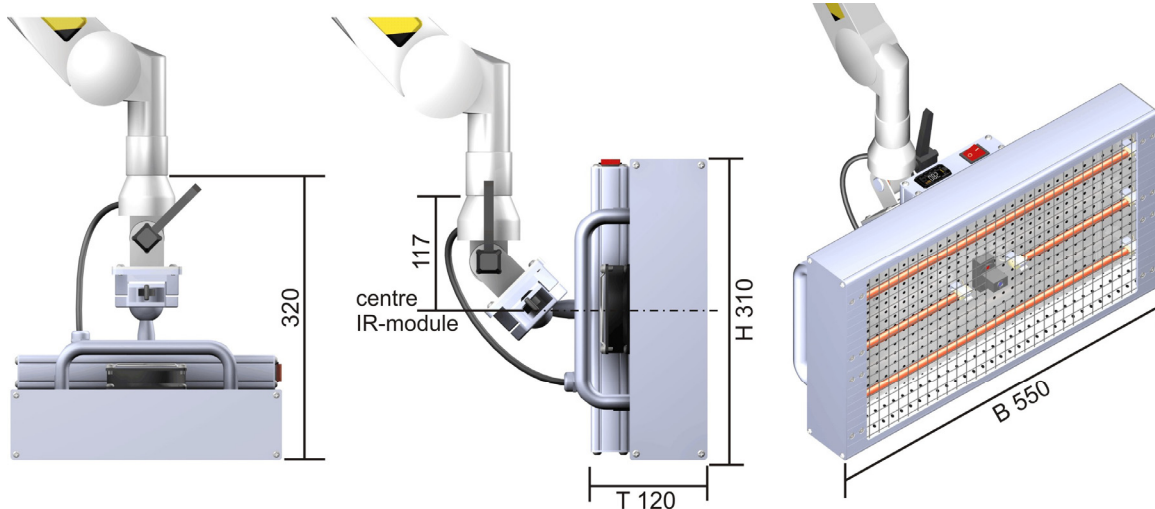
Special execution with additional ball joint for positioning in all directions.

Drying surface approx. 470x320mm (width x height) at a working distance of 55cm

Colour: alu nature anodised

Weight: 9.6 kg

item-no.: 600.2070.1

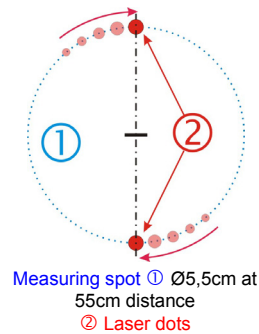


### Measuring spot / working distance indication

The measuring spot of a radiation pyrometer is the area where the temperature is metered. The size of the measuring spot depends on the distance between the pyrometer/device under test and on the optics of the device.

Distance proportion (relative)=distance/size of measuring spot  
(here 55/5,5=10/1)

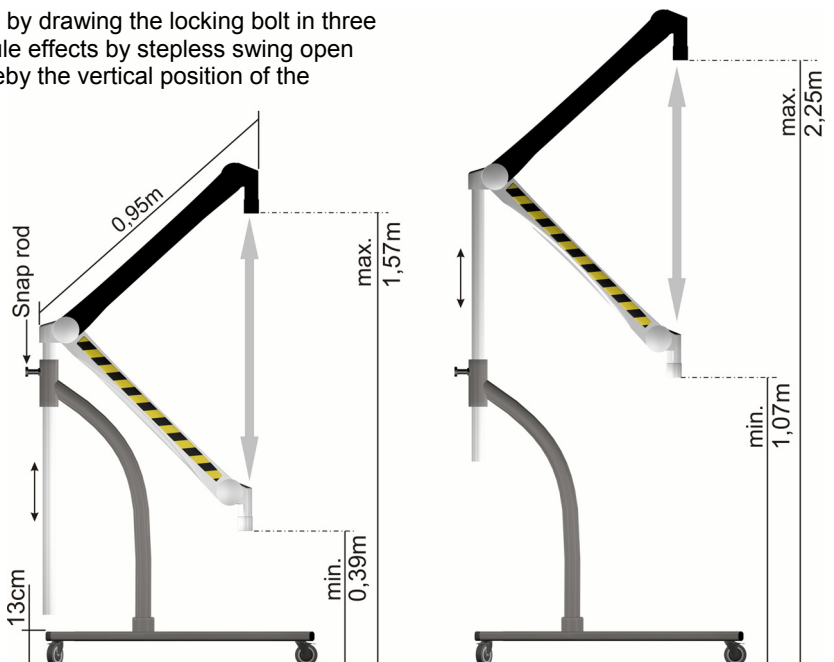
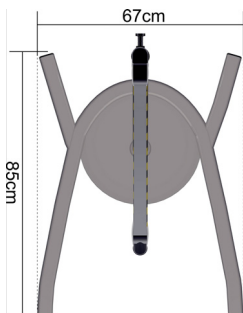
The two laserdots mark the outside edge of the circular measuring spot. By changing of the distance to the irradiation surface, the laserdots move the diameter as shown. The correct working distance is reached when the both laserdots are standing vertical one above the other.



### Height Positioning

The desired working height can pre-selected by drawing the locking bolt in three steps. The further positioning of the IR-module effects by stepless swing open and swing off of the mobile stand arm, whereby the vertical position of the IR-module survives.

### dimensions foot



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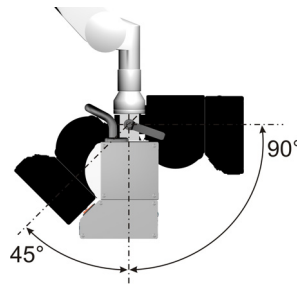
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### rotation IR-module



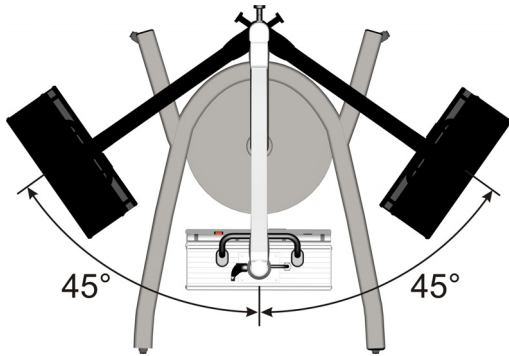
All IR-modules can be 360° rotated

### overturn IR-module



Every IR-modules has a clamping joint that approve 90° and 45° overturning as shown above. Using IR-modules with additional ball joint you get countless positioning options.

### swivel range



For stability reasons the swivel range of the arm is limited to  $\pm 45^\circ$ .