

## IR-550 Infrared Heating Tool RoHS Compliant

IR-550-300-MARKIII-CE -230 volts

IR-550-50-MARKII-HT-TOOL- 120 volts



**The IR-550** is a portable electric infrared heating tool for fast reliable installation of Raychem Solder-Sleeve termination Products, Raychem Mini-Seal termination products, Raychem Solder-Tact contacts, and Raychem heat-shrinkable tubing. It can be used as a hand-tool, but is primarily designed as a bench-top heating tool. As a hand-tool it is operated by a switch on the handle, as a bench-top heating tool it is operated by a foot switch or the handle switch.

The IR-550 uses a halogen lamp as its radiant heat source. Reflectors focus the heat from the lamp, concentrating heat energy within the work area of the front reflector. An optical filter between the lamp and the work area reduces the glare from the lamp, allowing the operator to observe the heating process. The tool also has a viewing window to further reduce glare. The 30 degree base has been designed to further reduce eye strain and reduce glare to others working nearby. A number of interchangeable front reflectors are available, and have been designed for specific product applications

### Features

- The IR-550 contains a fan to keep external surfaces cool and to allow for long-duration heating
- Thermostatic switch to protect it from overheating
- Controls include a power switch, foot switch, and a handle-mounted switch. Both the foot-switch and handle-mounted switch activate the heating cycle
- IR-550-300-MARK III CE. This unit has CE Approval

<b>SPECIFICATION : IR-550-50-MARKII-HT-TOOL-120 volts</b>		
Input power	105–120 V, 50–60 Hz, 4.5 A	
Normal lamp life	More than 1000 hours of intermittent use	
Weight	Approximately 2.5 Kg [5.5 lb]	
Duty cycle	80%, 90-second max. heating times	
Dimensions W x H x L	4.46" X 4.7" X 9.8"	
<b>Ordering information /Accessories/replacement parts</b>		
<b>Model:IR-550-50-MARKII-HT-TOOL</b>	<b>Description</b>	<b>Part No</b>
IR-550 heating tool* (120 V)with RG-2 reflector, viewing window with frame and foot switch	IR-550-50-MARKII-HT-TOOL	994350-000
Note:*Used on both units		
IR-550 foot switch (included with tool assembly 994350-000)	IR-550-216-FOOT-SWITCH-ASSY	994375-00
*RG-6 reflector for large-diameter SolderSleeve terminations; Aperture is 25.4 mm [1.0 in] wide	IR-550-19-RG-6-NOSECONE	994590-000
*RG-11 reflector; aperture is 12.7 mm (9.5 in) wide	IR-550-41-RG-11-REFLECTOR	993695-000
*RG-9 reflector; aperture is 9.525 mm (.375 in)	IR-550-39-RG-9-REFLECTOR	993693-000
*RG-2 reflector, SolderSleeve Reflector, (3/4"19.mm) included with 994350-000	IR-500-24-RG-2-REFLECTOR	993770-000
Lamp (120 V)	IR-1000-P-N-13-LAMP	993020-000
Viewing window (frame not included)	IR-550-238-VIEWING-WINDOW	007510-000
*IR-550 upgrade kit: filter, viewing window, inner reflector-outer reflector	IR-550-240-Refurb-KIT	529600-000
*Filter	IR-550-237-FLTR-DUAL-COAT	118902-000
*PCB with switch and button	AES-IR550-63-PC-BRD	576297-000
<b>SPECIFICATION IR-550-300-MARK III CE-230 volts</b>		
Input power	220-240 V, 50–60 Hz, A	
Normal lamp life	More than 1000 hours of intermittent use	
Weight	Approximately 4.8 KG (10lb)	
Duty cycle	80%, 90-second max. heating times	
Dimensions W x H x L Control Box	152 x 120. x 219.mm	
Dimensions W x H x L Tool	114. x 209. x 249.mm	
<b>Ordering information /Accessories/replacement parts</b>		
<b>IR-550-300-MARKIII CE-230 volts</b>	<b>Description</b>	<b>Part No</b>
IR-550 heating tool* (230 V)with RG-2 reflector, viewing window with frame and foot switch	IR-550-300-MARKIII-CE	C66438-000
RG-9 reflector; aperture is 9.525 mm (.375 in)	IR-550-39-RG-9-REFLECTOR	993693-000
RG-2 reflector, SolderSleeve Reflector, (3/4"/19.mm) included with C66438-000	IR-550-24 IR-550-24-RG-2-REFLECTOR	993770-000
Lamp (220-230 V) 500W	IR-550-303-CE-LAMP	F95965-000
Foot Switch Assembly (Included with C66438-000)	IR-550-301-CE-FOOT-SW-ASSY	F91912-000
PC Board	AES-IR550-63-PC-BRD	576297-000

Tel: +44(0) 1793616700 • Fax: +44(0) 1793 644304  
uksales@is-rayfast.com • export@is-rayfast.com

[www.is-rayfast.com](http://www.is-rayfast.com)

2 Lydiard Fields, Swindon, Wiltshire, SN5 8UB

