



# IR Non Contact Heat Tool



Series 3 Controller unit shown with the IR Heat Tool

The revolutionary, RH Non-Contact Infrared Heat Tool is designed for localised treatments of canvas paintings, textiles, objects and paper, non contact, while still offering fully controllable working temperature. It has a round heat spot 25 mm in diameter. Held 32 mm from the surface of a work, the inbuilt non-contact IR sensor detects the temperature in the centre of the heat spot. To accurately guide you to hold the tool 32 mm from the surface, two inbuilt LED "spot lights" intersect at this distance. When they do so, the controller begins the heat using the halogen heat source. The tool has a 850um filter so that no visible light or UV is emitted onto the treatment area. No moving air from the front of the tool, all cooling air is discharged through the perforated dome. As an alternative to using a heated spatula that can crush fragile fragments, or a hot air tool that can dislodge/blow away the fragments, this device avoids both these problems.

By treating an area in this way, the only physical contact the treatment area receives is that from hand tool manipulating the work.

The RH Non-Contact Infrared Tool is connected to the controller unit by a cable

that plugs into the back. The operating temperature is controlled from the front panel of the controller unit, Series 3 controller unit required. The temperature is set with two buttons and displayed in Celsius or Fahrenheit on the LED digital display.

## Main Features include:

- \* Operates from a standard earthed power outlet of 110-240 V, 50-60 Hz.
- \* Temperature controlled by non-contact temperature sensing of the surface of the work in the focal area of the infrared beam
- \* Australian Blackwood (Acacia melanoxylon) handle for low thermal conductivity together with the low thermally conductive stainless steel head for user comfort
- \* Maximum operating temperature of 100°C.
- \* Clear inbuilt LED readout of tool temperature in Celsius or Fahrenheit, user selectable
- \* Easy finger-tip control of temperature by glass touch sensitive control panel
- \* Control unit with a sleek, sturdy outer casing of matt black anodised aluminium
- \* Alarm will sound 6°C above temperature.
- \* Soft pliable silicone sleeve over military spec Teflon™ electrical cables to withstand 150°C continuously.