



## *Thermotrax*

### Heated Laser Scanner Holder

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*JLC Solutions* is proud to announce the next generation of the *Thermotrax* heated laser scanner holder. This new heater incorporates the thermostatically controlled heating elements that *JLC* has used successfully for more than 8 years along with new advanced circuitry. The new ABS housing with the fully adjustable anodized aluminum mounting bracket will withstand years of heavy industrial use. The *Thermotrax* heater is available in 12, 24, 36, 48 and 72-volt models and is designed to work with all manufacturers scanners. Installation is quick and easy and there is no positive or negative electrical connection to be concerned about.

*Thermotrax* eliminates “Fogging” and “Freezing” on laser scanner lens due to temperature and humidity changes. *Thermotrax* was originally designed and built for the rugged refrigerated / freezer warehouse industry. The thermostatically controlled heated holder has proven itself as a reliable solution to the issues of hand held laser scanning. Lenses fogging and freezing, scratched lenses, damaged and destroyed scanners, these are all expensive problems that are minimized if not completely eliminated with *Thermotrax* heated laser scanner holders.

In any type of application where the lens is likely to fog or freeze, the laser scanner will be rendered virtually useless without protection. It is in exactly this type of environment, with the scanner gun moving back and forth from  $-22^{\circ}\text{F}$  to  $+110^{\circ}\text{F}$ , that *Thermotrax* was developed and tested.

*Thermotrax* will insure “good reads” in the harsh environments where rapid or extreme temperature changes occur such as traveling from a refrigerated or frozen storage area to a loading dock, from an air-conditioned warehouse to outdoors, or any place where condensation is likely to occur on the scanner lens. Dual scan engine laser scanners require additional heat in order to prevent degradation of scanning distances in extreme cold. The enclosed *Thermotrax* housing provides sufficient heat to both scan engines enabling the scanner to reach manufacturers specifications.

Unlike any other heated scanner holder on the market today, *Thermotrax* comes with an integrated cable management system. This unique system draws the scanner’s cable back to the holder. The *Thermotrax* cable management system virtually eliminates the need to buy replacement cables due to over extending (repeated stretching beyond the limit of the cable length) and failures due to cable cuts and broken connection ends.

*Thermotrax* will protect your investment and save expensive repairs by preventing lens fogging, condensation inside the scanner and protect the scanner cable while securing the scanner itself from damage.



***Thermotrax***  
**Heated Laser Scanner Holder**

**Product Specifications**

Part Number	Description
120-12	Heated Scanner Holder, 12 Volt
120-24	Heated Scanner Holder, 24 Volt
120-3648	Heated Scanner Holder, 36 - 48 Volt
120-72	Heated Scanner Holder, 72 Volt

**Mechanical**

**Dimensions** 7 3/4 x 5 x 4 1/2"  
 22.2 x 12.7 x 11.2 cm

**Cable Retractor**

Length Maximum Draw 10'  
 Strength 50 lbs.  
 Tension Recoil 3.75 lbs.

**Environmental**

**Fixed Mount Shock Rating** 10G

**Temperature Rating**

Storage -40F - +160F  
 -40C - +71C

**Dust and Water**

Dust Dust does not enter in sufficient quantity to interfere with the satisfactory operation of the equipment

Water Protected against splashing water. Water splashed against the enclosure from any direction shall have no harmful effect

**Warranty**

**Standard** The factory warranty is one (1) year limited parts and labor.

**Electrical**

**Operating Voltage** 12 – 72 Volts DC

**Operating Current**

With Heater On:

	<u>24V</u>	<u>36V</u>	<u>48V</u>
Amps	1.6	.76	1.02
Temp On	140F	140F	140F
	60C	60C	60C

With Heater Off:

	<u>24V</u>	<u>36V</u>	<u>48V</u>
Amps	.1	.1	.1
Temp Off	165F	165F	165
	74C	74C	74C

**Polarity** Independent, protected from reverse installations

Overtemp protection fused at 250F(121C)

Indicators

Power On	Green LED
Heater On	Red LED

Specifications subject to change without notice