



Thermotrax

Heated Laser Scanner Holder

1650 Dove Court Marietta, Georgia 30064 USA Phone: 770.499.9420 Fax: 770.499.9423 www.jlcsolutions.biz



JLC Solutions is proud to announce the newest 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, and 48 volt models and is now custom-fitted for different manufacturer's scanners.

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°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	Compatibility
520- 12- P2	Heated Scanner Holder, 12 Volt	PSC PowerScan
520- 12- S3	Heated Scanner Holder, 12 Volt	Symbol 3408
520- 24- P2	Heated Scanner Holder, 24 Volt	PSC PowerScan
520- 24- S3	Heated Scanner Holder, 24 Volt	Symbol 3408
520- 3648- P2	Heated Scanner Holder, 36 - 48 Volt	PSC PowerScan
520- 3648- S3	Heated Scanner Holder, 36 - 48 Volt	Symbol 3408

Other sizes are available. Please contact your dealer or JLC Solutions for more information.

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

RoHS Compliant

Operating Voltage 12 – 48 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