

Thermotrax
Heated Laser Scanner Holder

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JLC Solutions is proud to offer the latest generation of the **Thermotrax** heated laser scanner holder. This heater incorporates the thermostatically controlled heating elements that JLC has used successfully for nearly 20 years along with new advanced circuitry. The 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 volt models and is now custom-fitted for the Symbol LS34xx and DS35xx laser scanners.

Thermotrax eliminates “Fogging” and “Condensation” 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 develop condensation, 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 -25°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.

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.



PRODUCT BULLETIN

Product Specifications

Thermotrax
Heated Laser Scanner Holder

Part Number	Description	Compatibility
520-12-S3	Heated Scanner Holder, 12 Volt	Symbol 3400 & 3500 Series
520-24-S3	Heated Scanner Holder, 24 Volt	Symbol 3400 & 3500 Series
520-3648-S3	Heated Scanner Holder, 36-48 Volt	Symbol 3400 & 3500 Series

Mechanical	
Dimensions	8 3/4 x 5 x 4 1/2" 22.2 x 12.7 x 11.2 cm
Mounting	Includes adjustable mounting bracket
Cable Retractor	Length Maximum Draw 10' Strength 50 lbs. Tension Recoil 3.75 lbs.

Environmental	
Dust and Water	
Dust	Dust will not interfere with the product.
Water	Water splashed against the enclosure from any direction shall have no harmful effect.
Temperature Rating	Storage -40F - +160F -38C - +71C Operating -25F - +120F -31C - +49C
Fixed Mount Shock Rating	10 G

Specifications are subject to change without notice

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Electrical																																	
RoHS Compliant	REACH Compliant																																
Operating Voltage	12 - 48 Volt DC																																
Polarity	Independent, protected from reverse installations Overtemp protection fused at 250F (121C)																																
Indicators	Power On Green LED Heater On Red LED																																
Operating Current	With Heater On: <table border="0" style="margin-left: 20px;"> <tr> <td></td> <td><u>24V</u></td> <td><u>36V</u></td> <td><u>48V</u></td> </tr> <tr> <td>Amps</td> <td>1.6</td> <td>.76</td> <td>1.02</td> </tr> <tr> <td>Temp On</td> <td>140F</td> <td>140F</td> <td>140F</td> </tr> <tr> <td></td> <td>60C</td> <td>60C</td> <td>60C</td> </tr> </table> With Heater Off: <table border="0" style="margin-left: 20px;"> <tr> <td></td> <td><u>24V</u></td> <td><u>36V</u></td> <td><u>48V</u></td> </tr> <tr> <td>Amps</td> <td>.1</td> <td>.1</td> <td>.1</td> </tr> <tr> <td>Temps Off</td> <td>165F</td> <td>165F</td> <td>165F</td> </tr> <tr> <td></td> <td>74C</td> <td>74C</td> <td>74C</td> </tr> </table>		<u>24V</u>	<u>36V</u>	<u>48V</u>	Amps	1.6	.76	1.02	Temp On	140F	140F	140F		60C	60C	60C		<u>24V</u>	<u>36V</u>	<u>48V</u>	Amps	.1	.1	.1	Temps Off	165F	165F	165F		74C	74C	74C
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Warranty	
Standard	The factory warranty is one (1) year limited parts and labor.

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