



## *Clearhold*

### Heated Laser Scanner Holder

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*Clearhold* eliminates the “Fogging” and “Freezing” on the laser scanner lens caused by temperature and humidity changes. The JLC heated scanner holder is used extensively throughout the rugged refrigerated warehouse and food production industries. The thermostatically controlled heated holder has proven itself as a reliable solution to the issues of hand held laser scanning. Scratched lenses, damaged scanners and fogged lenses are all expensive problems that are minimized if not completely eliminated with *Clearhold* 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 *Clearhold* was developed and tested.

*Clearhold* 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 *Clearhold* housing provides sufficient heat to both scan engines enabling the scanner to reach manufacturers specifications.

The *Clearhold* ABS housing with the fully adjustable anodized aluminum mounting bracket will withstand years of heavy industrial use. The *Clearhold* heater is available in 12, 24, 36, and 48 volt models and is now custom-fitted for different manufacturer’s scanners. Installation is quick and easy and there is no positive or negative electrical connection to be concerned about.

*Clearhold* 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.



**Clearhold**

**Heated Laser Scanner Holder**

**Product Specifications**

Part Number	Description	Compatibility
521- 12- P2	Heated Scanner Holder, 12 Volt	PSC PowerScan
521- 12- S3	Heated Scanner Holder, 12 Volt	Symbol 3408
521- 24- P2	Heated Scanner Holder, 24 Volt	PSC PowerScan
521- 24- S3	Heated Scanner Holder, 24 Volt	Symbol 3408
521- 3648- P2	Heated Scanner Holder, 36 or 48 Volt	PSC PowerScan
521- 3648- S3	Heated Scanner Holder, 36 or 48 Volt	Symbol 3408

Other sizes are available. Please contact your dealer of 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

**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.

Specifications are subject to change without notice

**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 60C	140F 60C	140F 60C

With Heater Off:

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

**Polarity** Independent, protected from reverse installations

Overtemp protection fused at 250F(121C)

**Indicators**

Power On Green LED  
Heater On Red LED