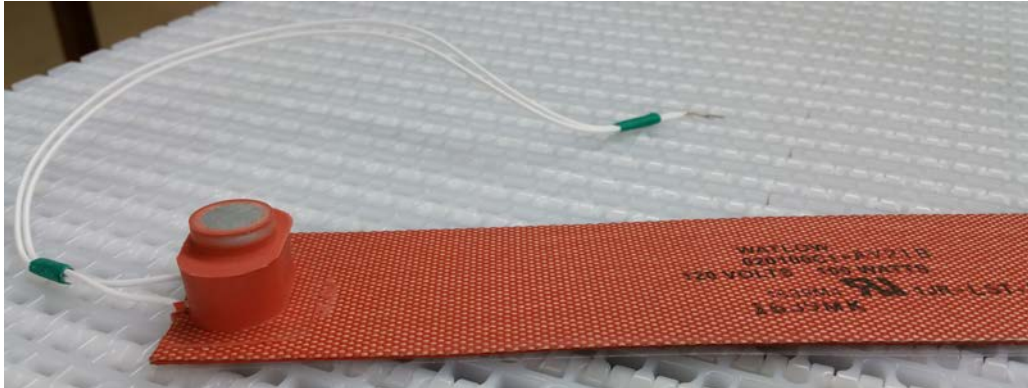


# ADVANCED DETECTION SYSTEMS®

"Metal Detection Experts"

● 4740 W. Electric Ave. Milwaukee, WI 53219 P: (414) 672-0553 ● [www.adsdetection.com](http://www.adsdetection.com) ● Engineered & Manufactured in USA ●

## Touchscreen Cabinet Heater



A control cabinet heater is an important addition to your metal detector if you plan on utilizing the equipment in a chilled environment. A control cabinet heater is used to regulate the temperature of the metal detector's LCD touchscreen and electronics enclosure.

Liquid Crystal Displays (LCDs) are negatively affected by cold temperatures because the thin layer of liquid crystal within the display increases in viscosity as temperature decreases. This increased viscosity in the liquid crystal can cause the screen to become sluggish to user input, display washed out colors, and fail prematurely.

The cabinet heater's second function is to eliminate the possibility of condensation occurring within the electronics enclosure. Circuit boards and other electronics naturally generate heat with use, the heat they create warms up the air within the IP69K enclosure. As the warm air comes in contact with the cold enclosure walls it can condensate on the enclosure walls and drip onto the electronics. The heater provides enough warmth to keep the enclosure walls at a temperature where condensation will not form.

The control box heaters used in Advanced Detection Systems metal detectors are flexible 110V resistive pads with built in thermostat controls and an adhesive backing. The heater is wired directly into the detector's power supply and requires no additional power source or user input to operate.

To learn more, please contact:

David Smith – Sales Manager

P: 414-672-0553

E: [dsmith@adsdetection.com](mailto:dsmith@adsdetection.com)

**Advanced Detection Systems**

"Metal Detection Experts"

Identifying and Meeting Unique Metal  
Detection Needs for Over 30 Yrs.