

Press Release

Source: Fluke Corporation



Mexican Airports Purchase Fluke Thermal Imagers to Aid in Flu Screening

Devices Show Higher Skin Temperature That Could Indicate Infection

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EVERETT, WA--(MARKET WIRE)--May 5, 2009 -- In the past week airport officials in Mexico have invested nearly a half a million dollars in purchasing thermal imagers (infrared cameras) from Fluke Corporation, a subsidiary of Danaher Corporation (NYSE:DHR - News) to help them screen people for H1N1 influenza A, or swine flu.

The portable infrared thermal imagers enable airport, transit, public health officials and others to quickly scan and measure the skin temperature of large numbers of people. Those who show temperatures higher than normal can then be isolated for further evaluation to help prevent the spread of disease. The imagers are in use at airports across Mexico, including Benito Juarez, in Mexico City. Dominion, a system integrator and the Fluke representative for Mexico, has worked with airport officials to provide training and consulting services to ensure high quality screening.

The outbreak of H1N1 flu in Mexico has devastated tourism. The San Francisco Chronicle reported Sunday that hotel occupancy rates in Mexico City are at record lows, between 5 and 7 percent.

Mexican authorities have responded decisively to control the outbreak, shutting down buildings and public events. International experts have praised Mexico's actions. Reuters reported Monday that "many experts believe Mexico's apparently quick and forceful actions could keep people safer in other countries."

Passenger screening with thermal imagers is one such action. The Chronicle said, "The Cancun airport is using infrared thermometers to detect fevers among arriving passengers."

All objects emit infrared (IR) energy, including the human body. IR noncontact thermal imagers use IR emissions to measure surface temperature, including the temperature of skin, which is displayed in color on the thermal imager's screen.

Individuals with fevers often have elevated skin temperature. When it detects that a person has a skin temperature higher than normal, the thermal imager can trigger an alarm or light. Those people can then be further tested to determine whether they actually have a fever and communicable illness.

Fluke thermal imagers incorporate Fluke IR Fusion®, a user-preferred technology that integrates infrared and visible-light images. IR Fusion helps the operator determine exactly where in the scene a heat source is located, so that individuals with elevated skin temperature can be easily located and pulled aside for further screening. Fluke imagers can detect temperature differences as small as .05 degrees C. Fluke thermal imagers also feature the large LCD screens and video output which make them ideal in the use of scanning large groups of people.

To help understand the technology and how to use it to scan large groups, Fluke has put together a brochure called "Infrared Health Screening." It is available free from the Fluke Web site at www.fluke.com/fluscreen.

While infrared scanners and thermal imagers are designed for industrial use, this technology can be very beneficial to public health in such locations as:

- Airports, seaports, bus and train stations
- Hospitals and schools
- Factories and office buildings
- Stadium events and conventions
- Other public gathering areas

As screening tools, Fluke infrared thermal imagers have many benefits:

- Non-contact screening reduces the chance of spreading infection or disease
- Fast temperature readings mean large groups of people can be screened quickly
- IR Fusion technology provides screeners with a visible light image (digital picture) of the crowd so that individuals with elevated body surface temperature are easy to identify, making screening quicker and more efficient
- Infrared temperature measurement is completely safe and non-invasive, so there is no risk to public safety or privacy
- People can be screened while moving, so travel is not delayed

In addition to such public health applications, Fluke [Thermal imagers](#) are invaluable tools to detect moisture damage and missing insulation, identify energy losses, inspect roofing, inspect electrical and mechanical equipment and for many other everyday troubleshooting and maintenance tasks. In addition to handheld imagers, Fluke also offers fixed mount thermal scanners through its Raytek and Ircon companies.

Fluke Corporation

For more information on Fluke Thermal Imagers or to find the location of the nearest distributor, contact Fluke Corporation, P.O. Box 9090, Everett, WA USA 98206, call (800) 760-4523, e-mail thermography@fluke.com or visit the Fluke Web site at: <http://www.fluke.com/thermography>

About Fluke

Fluke Corporation is the leader in compact, professional electronic test tools. Fluke customers are technicians, engineers, electricians, metrologists and building diagnostic professionals who install, troubleshoot, and manage industrial electrical and electronic equipment and calibration processes for quality control as well as conducting building restoration and remediation services. Fluke is a registered trademark of Fluke Corporation in the United States and/or other countries. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.

About Raytek and Iacon

Headquartered in Santa Cruz, Calif, Iacon has joined with Raytek to offer a complete IR solution, including the industry's most complete line of infrared sensors, linescanners and process imaging systems. Raytek, a Fluke company, is the worldwide leader in noncontact temperature measurement. Raytek designs, manufactures and markets a complete line of infrared (IR) temperature measurement instruments for industrial, maintenance and quality control applications. Raytek distributes its products worldwide with subsidiaries located in Europe and China. For more information, visit www.raytek.com or <http://www.ircon.com/>.

About Dominion

Dominion is a group of companies founded in Spain in 1999 with the objective of offering integral solutions that add value to its customers in the technology, information and telecommunications fields. For more information go to www.mexel.com.mx.

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