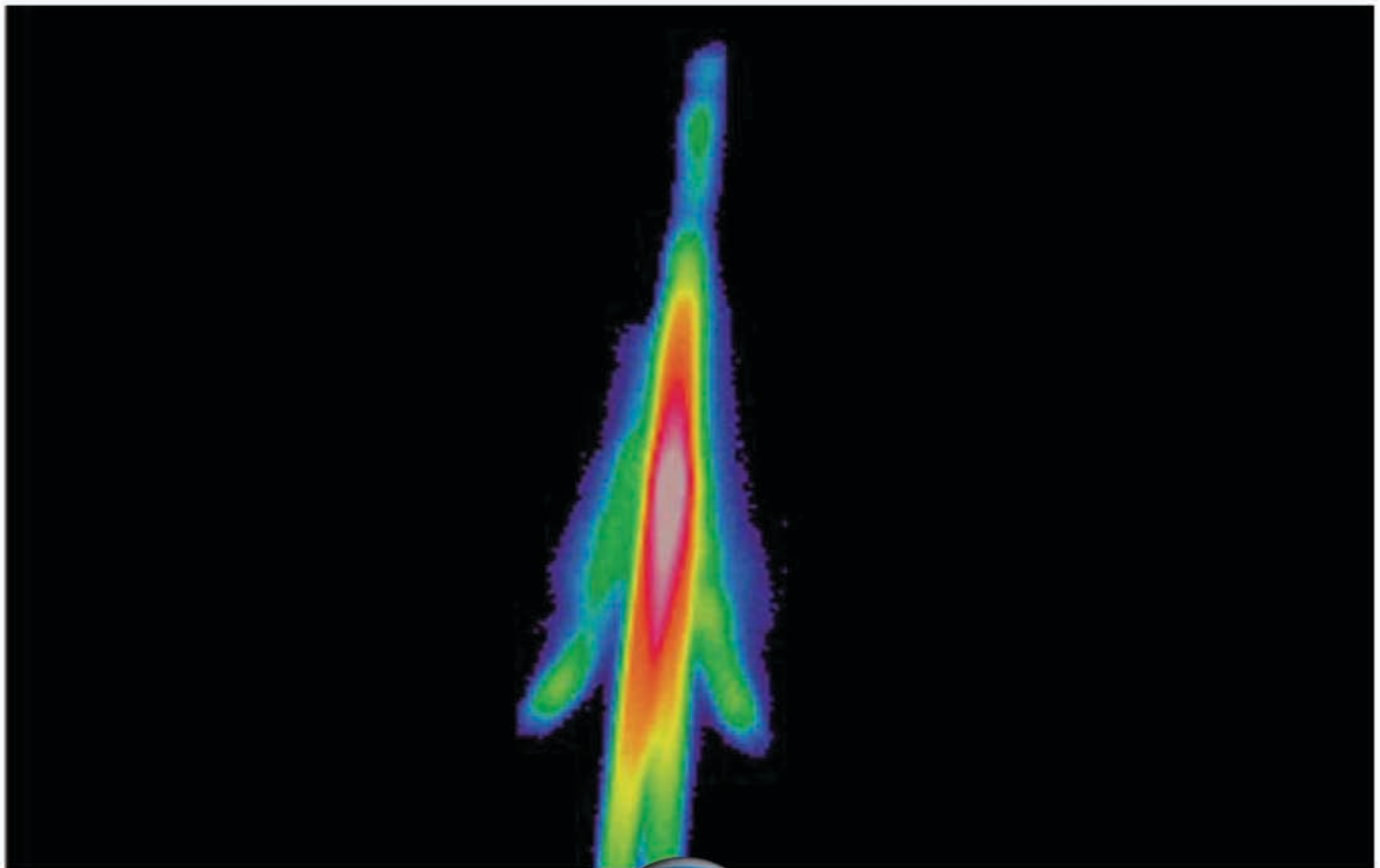


## Welding process data simply organized to help pipe and tube producers achieve superior quality welds consistently.



Thermatool's new weldscan system utilizes infra-red thermal imaging technology along with software specially developed by Thermatool to accurately measure the welding temperatures in the weld vee. The system is capable of monitoring the actual weld temperature in up to four areas within the vee. output includes both thermal pictures and video to quantify the thermal properties of your best welds. The capability to chart the temperature variances in the



weld over time is also provided along with alarm and other data logging capabilities. By means of a temperature feedback loop the unit can also automatically control the welder power output to hold a pre set welding temperature constant. The weldscan system provides the pipe and tube producer with superior process control by giving you the ability to achieve and repeat the desired weld temperature.

For more information on how Weldscan can assist you in making a superior cost effective product, please contact us.

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# WELDSOFT

Real time digital picture of temperature in weld vee

Video recording capabilities

Ability to monitor temperature in four areas of weld vee

Alarm temperature set points

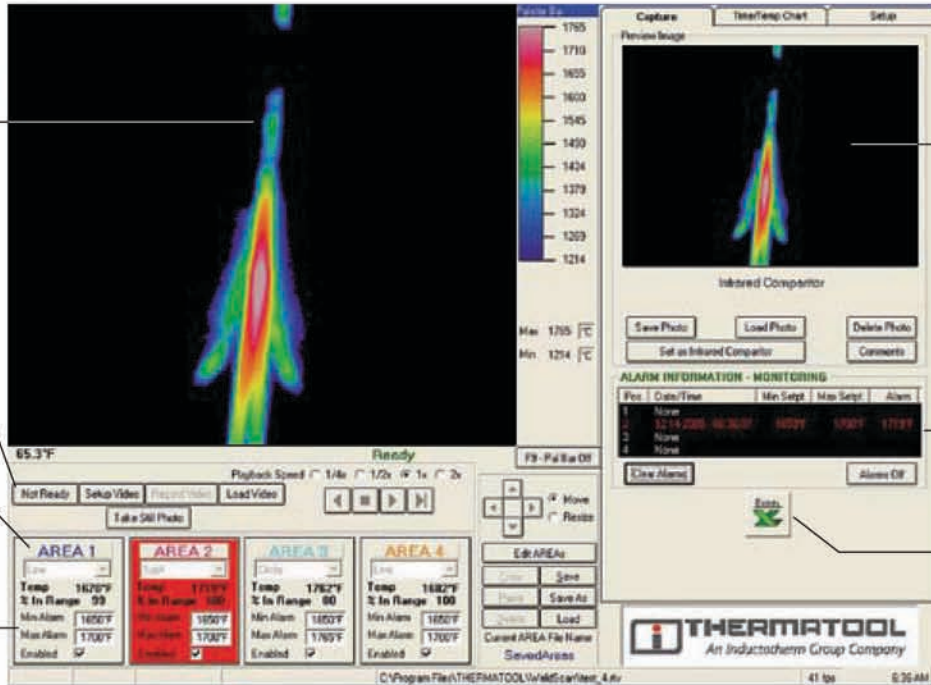


Image Comparator/ Time temperature chart

Alarm monitoring

Excel export for easy data organization

## Features:

- Real time digital infrared camera (50fps @ 400fpm yields 1 picture every 1.6 inches)
- Automatically adjust welder power output by means of a temperature feedback loop to hold a pre set weld temperature constant
- Heat range is selectable via software for application flexibility
- Image comparator makes operator's job simple
- Alarm set points are user defined
- Retrofits to existing welding units

## Benefits:

- An effective management tool to access and monitor process controls
- Fast, accurate temperature feedback of heated strip edges
- Maintain a consistent and repeatable weld heat level
- No longer does welding need to rely solely on an operator's "trained eye"
- Provides instant 'out of range' feedback with data recording capabilities
- Has ability to archive weld production data as a part of your quality system



Leading Manufacturers of Melting, Thermal Processing & Production Systems for the Metals & Materials Industry Worldwide.