

**FLUKE®**

Process  
Instruments

Where **EXPERTISE** and **INNOVATION**  
deliver world class **TEMPERATURE**  
measurement **SOLUTIONS**



## We are EVERYWHERE YOU NEED US

With offices in the U.S., U.K., Germany, China, Japan, Singapore, and India—as well as a network of trained representatives and service centers in more than 100 countries—Fluke Process Instruments offers a robust portfolio of industrial temperature measurement tools and customized software solutions to improve your unique process.

Whether we're supporting you through innovative application solutions, installation and technical support, or ongoing maintenance, our mission is to ensure that everything regarding your process is the precise temperature you want it to be.

Concentration of experts:

High

Medium

Low

FLUKE®

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## The Fluke Process Instruments family

The same brands you know and trust, coming together as one.

Since its founding in 1948, Fluke has helped define and grow a unique technology market, providing testing and troubleshooting capabilities that have grown to mission critical status in manufacturing and service industries.

From industrial electronic installation, maintenance and service, to precision measurement and quality control, Fluke tools help keep businesses and industries around the globe up and running. Typical users include technicians, engineers, and

metrologists—people who stake their reputations on their tools and use tools to help extend their personal power and abilities.

Raytek, Ircon, and Datapaq, meanwhile, have come together within Fluke to form Fluke Process Instruments—offering a broad portfolio of industrial non-contact temperature measurement and thermal profiling solutions, as well customized solutions for your specific applications needs.

**Raytek®**

Fluke Process Instruments

Building on 50-plus years of experience, the Raytek brand is known for designing and manufacturing non-contact infrared temperature measurement instruments and industrial process-monitoring solutions such as thermal imagers, infrared linescanners, and fixed infrared sensors.

**IRCON**

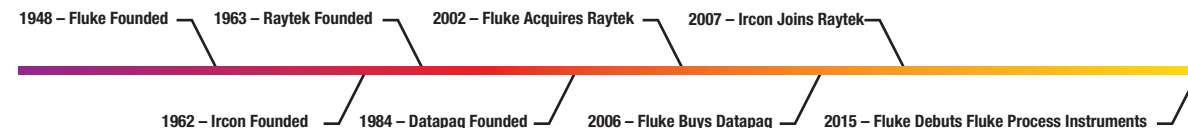
Fluke Process Instruments

Ircon has developed and manufactured over 500,000 measurement tools and calibration equipment (including linescanners, thermal imaging cameras, and unparalleled software solutions) for a variety of industrial applications throughout its 60-year history.

**DATAPAQ**

Fluke Process Instruments

Best known for creating industry-specific standards to analyze, synthesize, and report key information regarding the effectiveness of industrial heating processes quickly, the Datapaq brand is still featured heavily across customized, solution-oriented products and software.



## Providing SOLUTIONS for your everyday process

At Fluke Process Instruments, we understand that temperature plays an important role when determining the condition of a product or piece of equipment, both in manufacturing and quality control, which is why we've developed a number of premium products with worldwide, top-tier support.

So, whether your focus is on metals processing, automotive manufacturing, electronics assembly, or nearly any other industrial application, Fluke Process Instruments has a monitoring or profiling solution to fit your needs.

Plus, our network of expert representatives and agents are where you are. On every continent (except Antarctica), in every country, and in every state—meaning we can provide reliable local service and support, so your facility won't suffer from unexpected downtime.

**The best part?** Our support lasts far longer than any purchase. We'll always be here to help you troubleshoot, configure, and grow as your process does.

### MONITORING and IMAGING

Our robust monitoring solutions include pyrometers, fixed thermal imaging cameras, and infrared linescanners, and are designed for your harshest environments.



#### Temperature Uniformity

Ensure materials such as metals, glass, plastics, and more maintain material viscosity by easily measuring temperature uniformity.



#### Hot Spot Detection

Quickly detect hot spots and other potential problems, allowing you to avoid costly machinery damage and unscheduled downtime



#### Real-Time Data

Observe your process and analyze data in real-time with customizable areas of interest; independent, continuous, or intermittent evaluation; and more.

### PROFILING

Our rugged profiling solutions include data loggers, thermal barriers, thermocouples, and industry specific software.



#### Industry Compliance

Ensure your compliance with industry-specific regulations and specifications such as CQi-9 and AMS2750



#### Optimize Performance

Save time on furnace setup, thermal surveys, process optimizations and more.



#### Rugged & Reliable












Reliably and repeatedly provide accurate profiles on a variety of products, from start to finish, with solutions tailored for most heat treatment processes

**WHEN COMBINED**, your team will be able to take advantage of lower energy and operating costs as well as enhanced personnel safety.

Additionally, our global support team is consistently researching and staying up-to-date on the latest industry trends, so Fluke Process Instruments will always be able to support your robust industrial needs.

## Rugged HARDWARE SOLUTIONS

● = Recommended  
○ = Optional

		Metals	Construction Materials	Industrial Coating	Automotive/ Aerospace	Paper and Converting	Glass	Plastics	Solar and Semi-conductor	Electronics	Food
<b>Infrared Pyrometers</b>											
	Endurance Series	●	○	○	●	○	○	○	●	○	
	Thermalert 4.0	○	○	○	○	●	●	●	○	○	○
	Compact Series	○	○	●	○		○	○	○		○
<b>Imaging Solutions</b>											
	ThermoView TV40	●	●	●	●	○	○	○	○	●	●
	MP150 Linescanner	●	●	○	●	●	●	●			○
<b>Profiling Solutions</b>											
	Food Tracker										●
	Oven Tracker/ Easy Track	○		●	●		○	○			
	Kiln Tracker		●								
	Solar Tracker						○		●		
	Furnace Tracker	●	○		●		●				
	Reflow Tracker								○	●	

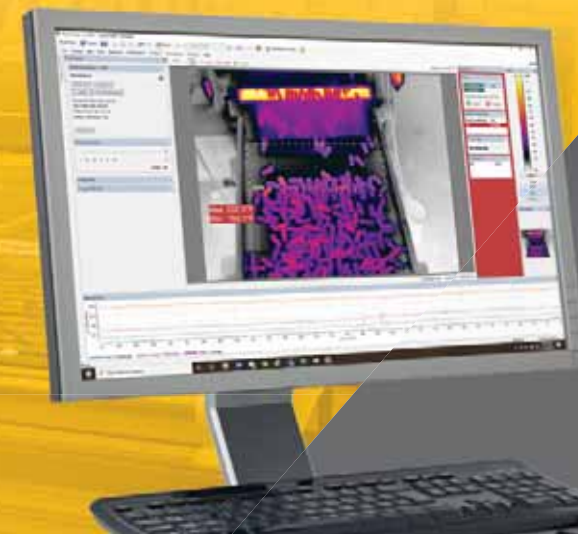
## Integrated SOFTWARE SOLUTIONS you won't find anywhere else

A Fluke Process Instruments purchase is never just a standalone product because we understand that industrial manufacturing isn't a one-size-fits-all solutions. By integrating both a Fluke Process Instruments tool and our proprietary software solutions into your process, you can rest assured that your facility will proceed without interruption and under optimal conditions.

Whether you are gearing up to drive a new vehicle to market or cooking up the latest commercial food trend, we are here to craft a custom solution that perfectly fits your needs. To put it simply, we're here to help you make products that help the world function better.

In addition to conforming to your process, our software solutions feature a variety of adjustable settings to measure everything you care about. Key features include:

- Options for intermittent, independent, or continuous temperature evaluations
- Customizable Areas of Interest (AOIs)
- Easy setup of temperature, I/O, and timer conditions to alert you when data is outside set parameters
- Automated data recording and archiving
- Calibration correction factors and more



# TOGETHER...we are FLUKE

**FLUKE®**

## *Keeping your world up and running.®*

Fluke Electronics is the world leader in professional electronic test tools and software for measuring and condition monitoring. Fluke tools are known for portability, safety, ease-of-use, accuracy and rigid standards of quality.

**FLUKE®**

**Calibration**

## *Precision, performance, confidence.™*

A leader in precision calibration instruments, equipment, service and software for electrical, RF, temperature, pressure and flow measurements.

**FLUKE®**

**Biomedical**

## *Trusted for the measurements that matter.™*

Biomedical test and simulation products as well as x-ray test and measurement, diagnostic imaging, radiation safety, and oncology quality-assurance solutions.

**FLUKE  
networks**

Certification, troubleshooting, and installation tools for professionals who install and maintain critical network cabling infrastructure.

**Accelix™**  
Connected Reliability

Accelix is a game-changing set of technologies from Fluke. It transforms maintenance and reliability into a business value engine—improving uptime and competitive advantage.



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