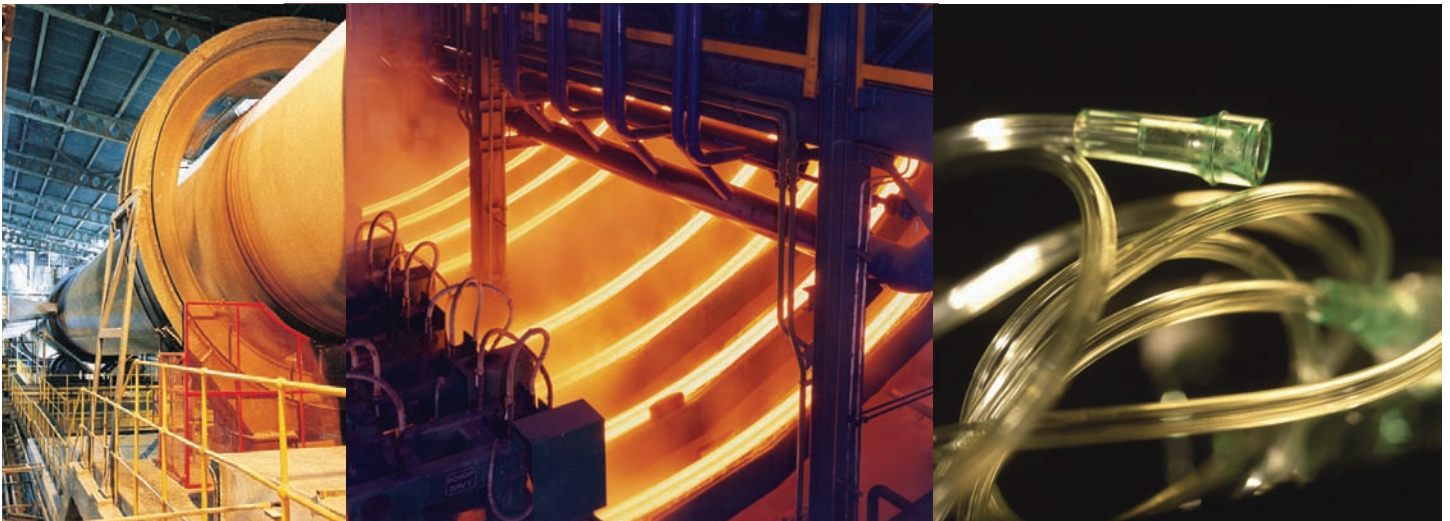


LAND

3 Reasons You Should Talk to Us First



Non-Contact Temperature Measurement Solutions

Reason #1

THE BEST TECHNOLOGY

For Your Application

Fixed System Spot Thermometers FACTS

- Versatile technologies are a must for the ever expanding list of applications
- Land thermometers provide outstanding reliability requiring minimal maintenance
 - Land's 3 year warranty is an industry leading warranty
- Ametek Land offers a wide array of flexibility in temperature ranges and environmental protection compatibility
 - 0°C/32°F to 3000°C/5432°F
- Land's spot pyrometers offer the latest specification optics in the market
 - Capable of measuring spot sizes smaller than 1 mm with 98% energy accuracy specification
 - Through-the-lens and laser sighting available

When evaluating instrumentation for purchase there are some basic considerations that should be taken into account before making a decision. For fixed spot thermometry, careful consideration should be given to which product technology will provide the best fit to your application.

It only stands to reason that often times manufacturers will make the claim that their technology and products are best suited for you. We suggest that you focus on the facts and don't become distracted by the claims.

Listed are some facts to take into account when considering whether or not the fixed system spot thermometry technology and Land products are best suited for your particular needs.



Reason #2

LAND FACTS

- We are the world's leading specialists in the design, manufacture and application of non-contact temperature measurement systems.
- As innovators and producers of high quality thermometers and process imaging systems for over sixty years, Land's position is unrivalled.
- Land provides worldwide distribution, installation and an extensive support network.
- We have a dedicated training facility to provide on-site or on-line specialist, tailor made courses in all aspects of radiation thermometry.



THE BEST COMPANY

Unrivalled For 60 Years

LAND prides itself on both quality of product and quality of service. Quality Management systems are in place to oversee all functions of the company including design, manufacture and after sales service. The primary aim of these systems is to guarantee total customer satisfaction with all LAND products.



The calibration laboratory at LAND in the UK became the first to be externally accredited to issue UKAS (United Kingdom Accreditation Service) certificates for thermal measurements and the first to meet the requirements of ISO17025. The calibration of most types of industrial non contact temperature sensors including on-line, portable, scanning and thermographic systems is undertaken in the custom built laboratory.

The calibration laboratory at LAND in the USA offers similar calibration services. The laboratory holds external accreditation to issue LAB (Laboratory Accreditation Bureau) certificates. These facilities also meet the requirements of ISO17025.

THE BEST PRODUCTS

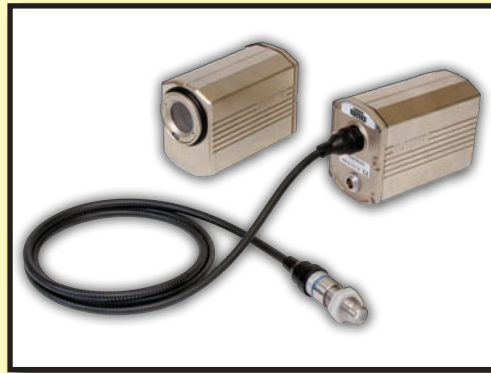
Land's Spot Pyrometer Family Can Be Used In Any Application from 0°C/32°F to 3000°C/5432°F

UNO

Stand Alone Thermometer

UNO is a range of industrial stand alone thermometers which integrate directly into a 4 to 20mA monitoring or control loop.

UNO thermometers have adjustable emissivity/non-greyness with peak picker and averager time functions built-in. There is a choice of single wavelength, ratio and Fibroptic thermometers, with a selection of measurement spans and operating wavebands to ensure optimum accuracy. Choice of optical systems include; focusable, standard variable and short focus with through-the-lens sighting, or flexible fiber optics. The Fibroptic thermometers offer a choice of optic head, light guides and a laser targeting option. An extensive range of mounting and protective accessories are also available.



STAND ALONE SYSTEM

FEATURES

- Industry standard 4-20mA linear output
 - Four wire connection
- Adjustable time functions
- Adjustable emissivity/non-greyness
- Through-the-lens sighting
 - Variable focus
- Fiber-optic version
 - Laser sighting available

See back page for specifications. For full specifications or more information, please contact us directly

SOLOnet

Digital Thermometer

SOLOnet is the world's first compact web browser enabled infrared thermometer system offering the user maximum flexibility and connectivity. With SOLOnet the user can configure the thermometer system to suit his individual measurement and control requirements.



DIGITAL PROCESSING

FEATURES

- Adjustable focus
- Industry standard 4-20mA analog output
- Optional webserver
 - On-site configuration
 - Individual IP address for each point
- Built-in alarms
- Stand alone or multi-plexed systems

See back page for specifications. For full specifications or more information, please contact us directly

SYSTEM4

Remote Display Thermometer

System 4 Thermometers are exceptionally flexible with a choice of single wavelength, ratio, fibroptic and fibroptic ratio models.



ENGINEERED SOLUTIONS

FEATURES

- Massive configuration flexibility
 - Engineered solutions for any application
- Industry standard 4-20mA linear output
- Time functions and emissivity configurable on-site
- Through-the-lens sighting
 - Adjustable focus
- Multichannel processors
 - Digital communication options
 - RS232/422/Profibus Connectivity

See back page for specifications. For full specifications or more information, please contact us directly

	UNO	SOLOnet	System 4
Through The Lens Sighting	✓		✓
Variable Focus	✓	✓	✓
Laser Sighting (through the lens)		✓	
Laser Sighting (Fiber Optic)	✓		✓
Fiber Optic Versions	✓		✓
4-20mA Output	✓	✓	✓
Digital Interface		✓	✓
Web Browser Interface		✓	✓
Remote Displays	✓	✓	✓
Remote Processor/Configuration		✓	✓
Multi-Channel Processors			✓
Temperature Range (min)	150°F/50°C	392°F/200°C	32°F/0°C
Temperature Range (max)	4700°F/2600°C	3182°F/1750°C	5234°F/3000°C

Land Portable Spot Pyrometers

The LAND Cyclops family of high precision thermometers measure spot temperatures in the range -50 to 5800 °F/-50 to 3200 °C. Features include: precise view of target spot and display of temperature in the viewfinder and choice of operating modes. Cyclops are used in industries such as metals, glass, minerals and chemicals, for processing monitoring, quality control, research and development, and preventive maintenance.



C100



C055 Meltmaster



C390

LAND

Non-Contact Temperature Measurement Solutions

An **AMETEK** Company



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REGISTERED
ISO 9001
MANAGEMENT SYSTEM

LABORATORY
ACCREDITATION
BUREAU
ACCREDITED
ISO/IEC 17025:2005

Applies to the USA