

CRITICAL SENSING & CONTROL PORTFOLIO

High-precision solutions to improve yield, quality, efficiency, and safety



Advanced Energy®

Temperature Sensors

Impac & Sekidenko Pyrometers

Fast, accurate, and rugged non-contact infrared temperature measurement



Mikron Thermal Imagers

High-performance infrared cameras for demanding real-time imaging applications



Fiber Bragg Grating Sensors

Rugged and reliable multi-point and multi-parameter sensing across many different applications and markets



Luxtron Fiber Optic Sensors

Precise & accurate temperature measurements in RF, EMI and high voltage applications



Mikron Calibration Sources

Enhanced emissivity values and stability to verify precise thermal measurements



Tegam Probes & Thermometers

Highly accurate meters, probes, and calibrators



System Solutions

RELATED APPLICATIONS:

Industrial Manufacturing, Petrochemical, Energy

ThermalSpection

Infrared imaging systems for real-time measurements of critical processes and assets.



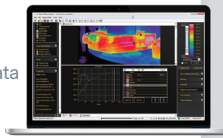
FurnaceSpection

Infrared imaging system for real-time monitoring inside high temperature furnaces.



Software

Proprietary software packages for enhanced data acquisition, visualization, and integration.



FlareSpection

Continuous flare stack monitoring and detection of pilot flame and flare gases.



E²T Pyrometers

Non-contact temperature monitoring for petrochemical applications.



Power Control

RELATED APPLICATIONS:

Industrial Manufacturing

Thyro-A® Series

Digital thyristor power controller supports load currents up to 1500 A and voltages up to 600 V



Thyro-S® Series

Thyristor switch for general heating applications, supports load currents up to 350 A



Thyro-PX® Series

Advanced SCR power controller supports load currents up to 2900 A



Test & Measurement

RELATED APPLICATIONS:
Industrial Manufacturing,
Medical, Military & Aerospace

Tegam RF Power Meters

High accuracy, stable RF power measurement with a wide power and frequency range



Tegam RF Calibration Systems

Automated calibration systems for microwave sensors and high-power RF devices



Tegam Bond Meters & Ohmmeters

Highly accurate electrical resistance measurements with intrinsically safe and wireless data logging options



Preventative Maintenance, Calibration, & Service Solutions



Total Service Plan

Bundle AE Services for savings and convenience in a Total Service Plan to keep your equipment performing at its best.



SafeGuard™ Protection Plans

Extend factory warranties and insure against accidental damage.



Factory Calibration & Alignment

Only AE can offer Calibration & Alignment to re-center instruments to specification.



Field Calibration, Commissioning, and Preventative Maintenance

Minimize downtime and ensure optimal operation with our many Field Service offerings.



Rapid Exchange Programs

Minimize downtime and ensure optimal performance with new & refurbished exchange units for periodic calibration and maintenance programs.



Repair & Upgrades

All AE repairs & upgrades are performed in our factories and service centers using AE original components, trained operators, and in-house test procedures. Keep your equipment up to date with the latest Software and Firmware updates.