

**KEY QUESTIONS TO ASK**

- 1 Does your application utilize electric heat?
- 2 Are SCR Power Controllers or Solid-State Relays (SSRs) used to control the heat process?
- 3 Does your application require optical (non-contact) temperature measurement?

**THE AE VALUE PROPOSITION**

- 1 Rockwell Automation Add-On Profiles (AOPs) for easy integration to Rockwell Automation integrated architecture systems using the Studio 5000® environment.
- 2 Compact and module SCRs with integrated fuse design, offering leading technology and low cost of ownership.
- 3 Robust and accurate temperature measurement, even in harsh or changing environmental conditions.
- 4 Benefits of closed-loop temperature control:
  - Improve asset utilization
  - Reduce Cost of Ownership
  - Accelerate product time-to-market



## Thyro-Family SCR Power Controllers

**Thyro-S®**  
Thyristor Switch,  
8 to 350 A

**Thyro-A®+**  
SCR Power Controller,  
16 to 280 A

**Thyro-A®**  
SCR Power Controller,  
8 to 1500 A

**Thyro-PX®**  
SCR Power Controller,  
16 to 2900 A

Improve process repeatability and efficiency with comprehensive SCR operating and control modes, easy integration and communication, and excellent control accuracy.



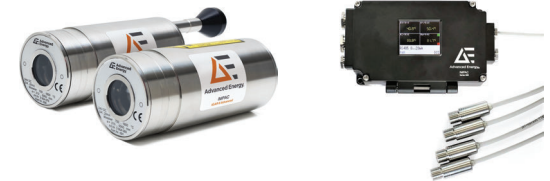
## Impac Series Optical Temperature Pyrometers

**Series 6 Advanced**  
Stationary, Digital Pyrometers

- For fast IR-temperature measurement on metals, ceramics or graphite
- Integrated four-digit LED displays
- Sighting options: laser-target light, viewfinder, or TV camera
- Available with different wavelengths for temperature from 100 °C to 3000 °C

**Series 600**  
Digital, Modular Pyrometers

- For use in harsh environments up to 80 °C w/o cooling
- Use up to 8 sensor heads (for 8 measuring points) with one converter box
- Connect and exchange sensor heads easily
- Three optics with distance ratio up to 20:1



**TARGET INDUSTRIES AND APPLICATIONS**



Metals (Fe & non-Fe)



Furnace / Ovens



Glass Applications



Fibers & Textiles



Heat Treating



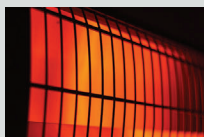
Food & Beverage



Extruding



Chemical



Infrared Heating



Oil & Gas



Automotive



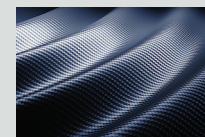
Plastics



Pulp & Paper



Ceramics / Kilns /  
Advanced Metals



Carbon Fiber /  
Composites



Metal Injection  
Molding