

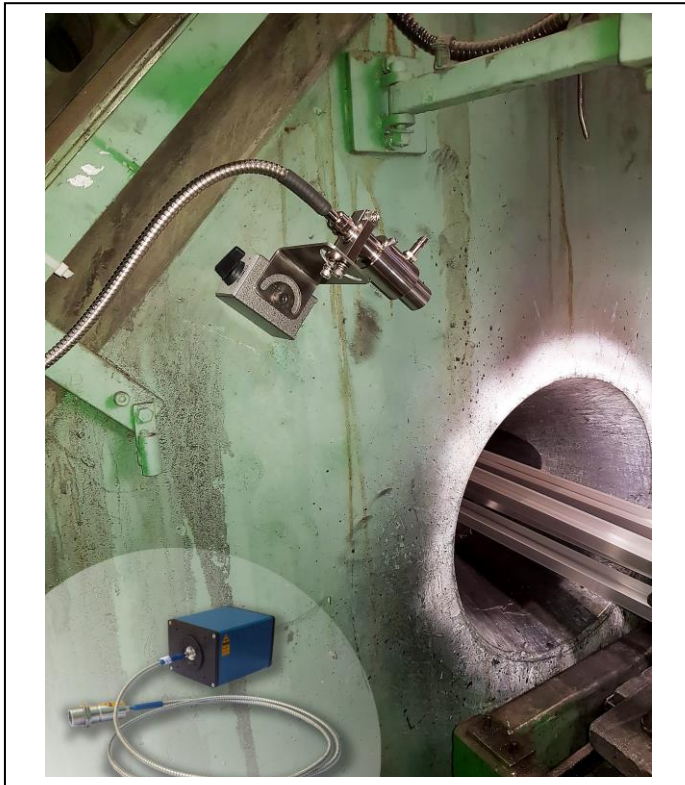


Highly Accurate On-Line Infrared Non-Contact Pyrometers for Aluminum.

A5-EX-FO: 170 to 3000°C (338 to 5432°F)



A5-EX-FO



AST A5-EX-FO is a specially designed IR Pyrometer for non-contact temperature measurement of aluminum. AST A5-EX-FO is a multi-wavelength plug-and-play pyrometer that uses an application-specific database derived from years of experience in real applications. AST A5-EX-FO uses unique algorithms to accurately calculate the actual temperature and emissivity of the surface. AST A5-EX-FO can hold multiple databases so that a single instrument can easily switch between applications like Molten metal, extruded profiles, Rolled aluminum surfaces, Continuous casting, Aluminum billets, Slabs, etc. It has a laser pointer that is aligned in line with the detector so that it ensures both laser and detector are aimed into the same spot. This helps precise aiming even in long distances. AST A5-EX-FO offers Bluetooth communication so that it can communicate with Android smartphones or laptops for viewing the measured temperature and for adjusting the parameters/selection of database and data logging

Standard Scope of Supply

- Integrated laser pilot light
- Digital Interface RS-232
- Analog output 4-20mA
- Calibration Certificate, PC Software & Operation Manual

Optional

- Mechanical and Electrical Accessories
- RS422, RS485, OpenBus, ModBus USB, Bluetooth, Alarm

Applications

- Aluminum Extrusion Profiles & Billets
- Aluminum Rolling
- Aluminum Casting
- Aluminum Forging
- Aluminum Continuous Casting

- Simple to use - No calibration required
- High accuracy - (1%) in real site conditions
- Capable of measuring targets with variable emissivity
- Measures through smoke, dust, water vapor, etc.
- Temperature ranges - see the table on the next page.
- Temperature range for measurement in front of a blackbody; when measuring a shiny body, the minimum temperature will be higher.
- Rugged design
- Wide range of built-in functions
- AST NET SW software for PC
- AST Pyrometer Android Application via Bluetooth



Adjustable Mounting for Optical Head
II (Reference No. 8200 – 03)

Power Supply Unit
(Reference no: 200-09)

Air Purge Unit
for Optical Head II
(Reference No. 8200 – 01)

Display
(Reference no: P-110)



AST



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We measure accurate temperature in extreme conditions