

Non-contact temperature measurement

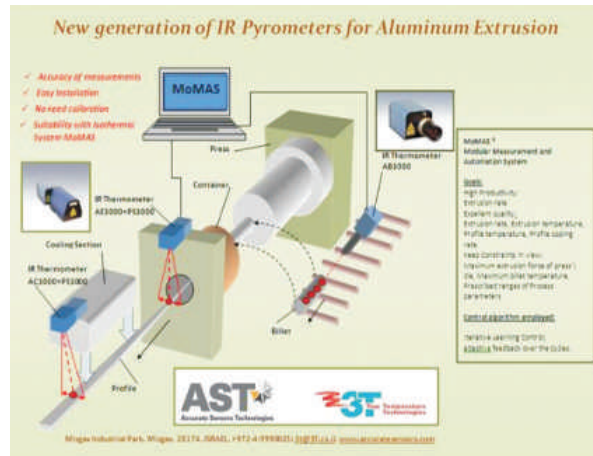
Accurate Sensing Technologies, Israel has brought to the market a line of Infrared Non-contact pyrometers for the remote measurement of target temperatures using no physical contact. AST pyrometers use a totally new approach for remote temperature measurement achieving a degree of accuracy far better than can be achieved with pyrometers available.



SPECIFICATION

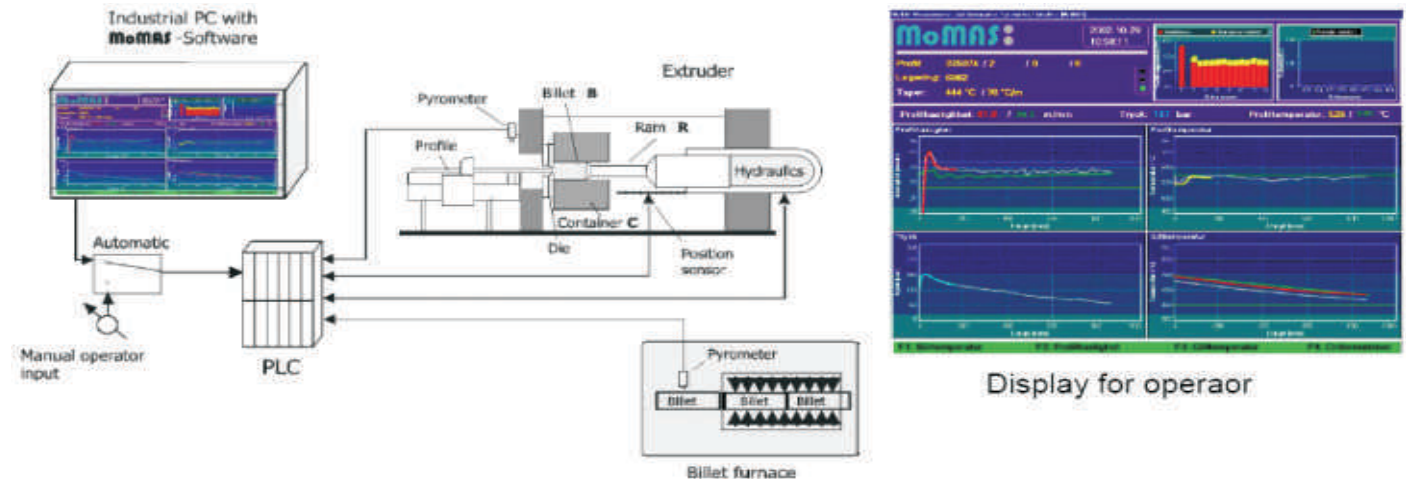
Model	Application	Temperature Range °C	Emissivity Range	Spot from a distance of 1 Mtr
AE3000	Extrusion	350-650 °C	0.1-0.6	20mm
AB3000	Billet	300-600 °C	0.1-1.0	20mm
AC3000	Continuous Casting	200-600 °C	0.1-0.6	20mm
AD3000	Dies	300-650 °C	0.1-1.0	20 mm
AM3000	Molten Metal	450-900 °C	0.1-1.0	20 mm

Response Time 51mSec - 10Sec
Accuracy & Repeatability $\pm 1\%$
Power Supply AC 100-240V 50/60Hz
Sensor overall dimensions 114 x 127 x 273



MoMAS® Optimal Isothermal Extrusion

MoMAS is a system for optimizing the operation of extruders for aluminum with the goal of achieving high productivity and enhance product quality. Basis for the optimization is the mastering of the thermal processes underlying the extrusion process. In particular MoMAS consists of measurement and control sub-systems which serve to achieve tight control of crucial variables such as extrusion rate and exit temperature. MoMAS provides operators and managers of extrusion plants with a flexible and effective tool which can be employed to achieve various optimization and automation goals. Thereby the operator can himself select the degree of autonomy with which MoMAS operates. Most importantly, he can operate the extruder manually and still exploit the information of process variables acquired and supplied by MoMAS. This provision for introducing the automation in steps alleviates its application and makes it easily acceptable on the part of operating personnel. MoMAS controls the exit temperature by suitably varying the extrusion rate automatically. It can be employed to achieve a reduction in the extrusion time per billet by employing exit temperature control in conjunction with a successive lowering of the furnace temperature. In case controlled tapered heating is possible, MoMAS can be employed to obtain constant exit temperature with control ram velocity.



Always one step ahead.....Committed to success

TEMPSENS Instruments (I) Pvt. Ltd. is a part of Pyrotech group which was established by four technocrats in 1976 at Udaipur, with our first product as Thermocouples and RTDs. To enhance our customer's success we provide high quality products and services for "Temperature Solution", tailored to their needs, and delivered to meet their schedule.

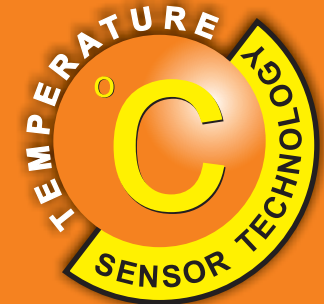
We have tied up with world leaders in Temperature measuring technology for critical components, Non contact Temperature measurement and Thermal imaging solutions. We add value to these products and deliver complete engineered solutions, backed by efficient service and application support.

Today we have strong sales and service network operating from important locations of India and Abroad. Continuing our constant endeavor of delivering solutions for temperature technology to our large base of over two thousand satisfied customers.

- 35 years of experience.
- Large Customer base.
- Executed Major Projects in India and Abroad.
- Production Expertise-Specialised Team & Facility



TOTAL SOLUTION TO TEMPERATURE SENSOR TECHNOLOGY



Temperature Sensors

Thermocouple

RTD'S

Pyrometer

Thermocouple Protection Tubes

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Our Other Websites :

www.thermowellworld.com

www.compensatingcables.net

www.glassthermocouples.com

www.temperaturecalibration.in

