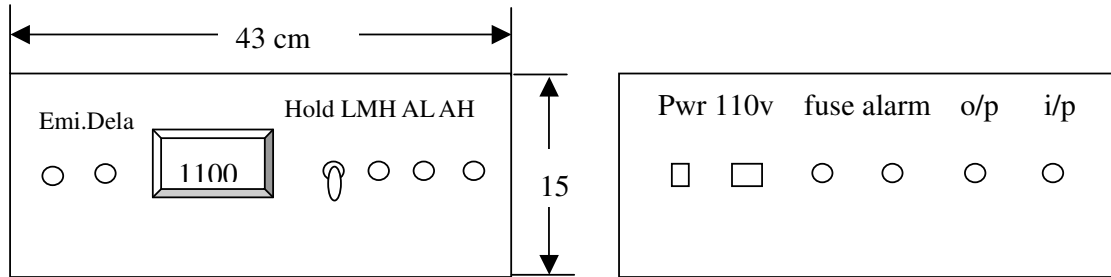# Amstron Infraredtherm Pyrometer

The "Infraredtherm" is a modern Infrared temperature-measuring instrument. It is non-contact to measure the temperature of object while it is in moving or operating. So there is no consumable part of probe to contact with object.

Infredtherm is very easy to calibrate the temperature with its adjustable "Emissivity knob" for different material of object. It can be operated with option - Remote display Unit of 4" LED.

Type	IRA814	IRA713	IRA1018
Measuring range	800-1400℃	700-1300℃	1000-1800℃
Accuracy	± 5% of reading.		
Stability	Within 1℃		
Measuring distance	0.6 m to infinity.		
Distance factor	60 (distance/object diameter)		
Response time	Less than 2 seconds		
Digit display	0.43" high LED, 4 digits.		
Signal output	Current: 4-20 mA	Voltage: 0-10V.	
Alarm output	High: max. temperature	Low: min. temperature	
Power source	100 VAC or 220VAC		
Dimension	43 x 27 x 15 H cm		
Standard accessory	Power cabinet, optical lens, signal wire – 50 m		
Option:	Remote Display unit of 4" high LED		

43 cm

Emi. Dela   Hold LMH AL AH

1100   15

Pwr 110v   fuse alarm   o/p   i/p

Front size	Back size
Delay knob: Delay for 0.1 sec and 0.3 sec (hold) Emi. knob: Emissivity adjustment. Hold switch: up for Hold, down for continuous. LMH knob: Low temp(set-up); M: measuring; H: high temp(set-up) AL knob: adjustment for Low temp of alarm. AH knob: adjustment for high temp of alarm.	Power switch: On /off of power. 110v socket: 110 VAC power. Fuse case: 0.5 amp fuse. O/p connector: Output for Alarm. O/p connector: Output for Remote Display. I/p connector: Input of measurement.