

IRP* - PORTABLE INFRARED PYROMETER

Family optical infrared thermometers designed for everyday use in the field. Reading at a safe distance from the target surface, of the temperatures into solid bodies so as liquids. Temperature rate only, when don't require any storage data, neither digital output .

IRP959 Laser beam system pointing. Targets with diameter of 2 cm to 14 cm distance. Battery-low. Complete with user manual.

IRP410 Laser beam system pointing. Targets with diameter of 2 cm to 22 cm distance. Contemporary reading of the measured temperature value and MAX. Complete with case and user manual. DKD / ACCREDIA certifiable for comparison with certified probe.

IRP440 As IR410 model, but with double measure. Sensor input wired type K thermocouple. MAX, MIN, DIF, AVG, HOLD and LOCK functions. Visible and audible alarms. Complete with case and user manual. DKD / ACCREDIA certifiable for comparison with certified probe.

IRP969 Infrared thermometer with laser sighting dual point to a clear definition of the measurement zone. Auxiliary input for thermocouple K. Visual and audible alarms for MIN and MAX values, programmable by keyboard. Indication: measured value, min, max, Diff, emissivity, Hold and low battery. Fully supplied with carrying cases. DKD / ACCREDIA certifiable for comparison with certified probe.



IR440



IR969

TECHNICAL SPECIFICATIONS

Models	IRP959	IRP410	IRP440	IRP969
Temperature range °C IR:	-33...+305	-33...+500	-33...+500	-30...+1000
Temperature range °C K:	-	-	-64...+1400	-64...+1400
Display resolution:	0.5 °C	0.1°C	0.1°C	0.1°C
Accuracy >23°C (IR):	± 2% o ± 2°C			±1% o ±1°C
Accuracy >23°C (K):	-	-	±1% o ±1°C	
D:S ratio:	7:1	11:1	11:1	50:1
Response time at 95%		500 ms	500 ms	700 ms
Emissivity:	0.20-1 adj	0.95 fixed	0.10-1.00 adj	
Environmental operativity	0...50°C			
	10-80%RH	10-95%RH	10-95%RH	10-80%RH
Power supply:	1x9V	2xAAA		
Weight g	140	180	180	386
Dimensions mm:	160x92x45	175x39x79	175x39x79	200x197x47

DKD/NIST certifications: range -30...+200°C; range -30...+1200°C



SATEMA

13856 VIGLIANO B.SE - Via Milano, 395

Tel. +39 015811102 - Fax 0158853029

Mail: info@satema.it <http://www.satema.it>