Berührungslos Temperatur messen
mit *INFRATHERM*-Pyrometern

IMPAC Infrared GmbH
Temperaturmessgeräte

中国联络处
杭州埃洛电子有限公司

电话：0571-85785727
传真: 0571-85785723

E-Mail: ljhuang@ailo-cn.com
Internet: www.ailo-cn.com

IN 5-H *plus*

数字式、高精度、坚固型

数字式远红外测温仪 IN 5 plus 的响应时间非常短，适用于快速移动的物体的测温
(IN 5 plus 有关数据的补充)

- 测温范围： -32 ... 900度
- 局部测温范围可调
- 响应时间 10ms
- 激光导向灯

订货号

镜头	接口	
	RS232	RS485
100	3 871 200	3 871 210
300	3 871 220	3 871 230
800	3 871 240	3 871 250

(NETD)

测量温度	响应时间t 90	NETD
23°C	10 ms	0,7°C
	1 s	0,1°C

(**发射率** ε = 1; σ = 1)

测量精度

T \ T_U	15 ... 30°C	0 ... 15°C oder 30 ... 63°C
-32...0°C	3°C	4°C
0...300°C	**测量值的0.6%** in °C oder 1,5°C *)	**测量值的1%** in °C oder 2°C *)
300...900°C	**测量值的1%**	**测量值的1.3%**

测量精度与被测物体的温度及环境温度有关，因此在测量时，必须先将仪器在环境温度下放置15分钟
***)　取较大值为有效值**

IT 4i4

我们保留因技术改进而更改资料的权利

Non-contact thermometry best done with *INFRATHERM* pyrometers

IMPAC Infrared GmbH
Temperature Measurement

Krifteler Strasse 32
D-60326 Frankfurt/Main

Phone: +49(0)69/9 73 73-190
Fax: +49(0)69/9 73 73-167

E-Mail: info@impacinfrared.com
Internet: www.impacinfrared.com

IN 5-H *plus*

Digital, precise, compact.

Digital pyrometers IN 5 *plus* with very short response times for measurement of fast moving objects or fast heating processes (Additional data sheet to IN 5 *plus*)

- Temperature range **-32 ... 900°C**
- Subrange adjustable
- Response time **10 ms**
- Laser targeting light

Reference numbers:

Optics	Interface	
	RS232	RS485
100	3 871 200	3 871 210
300	3 871 220	3 871 230
800	3 871 240	3 871 250

Noise equivalent temperature difference (NETD)

meas.temp.	response time t_{90}	NETD
23°C	10 ms	0,7°C
	1 s	0,1°C

(Emissivity ε = 1; σ = 1)

Measurement uncertainty:

T \ T_U	15 ... 30°C	0 ... 15°C or 30 ... 63°C
-32 ... 0°C	3°C	4°C
0 ... 300°C	0.6% of reading in °C or 1.5°C *)	1% of reading in °C or 2°C *)
300 ... 900°C	1% of reading in °C	1.3% of reading in °C

Measurement uncertainty dependent on object temperature T and ambient temperature T_A (ε = 1, t_{90} = 1 s). The instrument must be at a constant ambient temperature for a minimum of 15 minutes

*) The greater value is valid.

IT 4i4

Specifications are subject to change without notice.