

ARTISAN®
TECHNOLOGY GROUP

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Raytek® Products

Thermalert 6



If temperature trends are critical, choose the Thermalert 6. Monitor temperatures in real time on the bright, easy-to-read, blue screen. Select the temperature range, setpoints and time intervals, and the T6 automatically produces graphs for trend analysis. You can set up parameters and access results manually at the monitor, or remotely via the T6's two-way RS-232 communications port.

Softkeys, help screens, a built-in demonstration program, and fail-safe error messages make the T6 easy to set up and operate. English, German, Spanish, French, and Italian language models are available in either a panel-mount or portable enclosure.

Thermalert heads are engineered for optimum performance across a specific temperature range. In each range several models are offered, for measuring targets of various sizes and at various distances.

The sensing head you choose is determined by your application. What material are you measuring--and in what temperature range? How big is the target area to me measured? How far is it from the sensing head? How will the head be aimed? Will it need a cooling jacket? Since we build dozens of different heads, it's easy to match one to your specific requirements.



Monitor Specifications:

Emissivity: **0.1 to 1.00 adjustable**

Power: **110/220 VAC, 50-60 Hz, 300 mA, selectable, ±20% tolerance**

Output: **thermocouple, current, 1 mV/degree, selectable**

RS-232: **2-way for setup or 1-way, continuous output**

Signal Processing: **Peak, valley hold, variable averaging filter, sample hold (on/off)**

Head Specifications:

Temperature Ranges: **Many thermocouple and current output models with temperature ranges from -20 to 3000 degrees C (0 to 5400 degrees F)**

Resolution: **Many standard and close focus models in all temperature ranges (contact your representative for a concise listing of optical resolutions)**

Options (Must be specified at time of order):

Head
- Air/Water-cooled housing (includes special high-temp Teflon-coated cable and air purge collar)
- Laser sighting
- NIST Certification
- Factory Mutual approved intrinsic safety option (regular head only--must be used with recommended barrier strips)

Accessories:

Head
- Swivel bracket (regular & sighting heads)
- Polarizing filter (sighting head only)
- Right angle mirror (regular & sighting heads)
- Air purge collar (regular & sighting heads)
- Sighting viewer (regular head only)
- Conduit adapter (regular head only)
- Pipe adapter (regular head only)
- ThermoJacket



ThermoJacket accessories include the following:
- Mounting bracket (pictured above)
- Mounting flange
- Sighting tube mounting flange
- Sighting tubes (aluminum or ceramic)
- Blast gate accessory kit
- Adjustable pipe adapter accessory kit

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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