Arab Pros For Machinery & Equipment

**Product Catalog**
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## Portable Infrared Thermometer For High Temperature Measurement

**Brand:** Ametek Land
**SKU:** Cyclops 160 L
**Warranty:** 0

**Specifications**

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|---|---|
| **Response time** | 30ms |
| **Display update time** | 0.5s |
| **Accuracy** | <0.25%(K) of reading |
| **Measurement Resolution** | 0.1°C/1°F |
| **Field of View** | 180:1 circular |
| **Repeatability** | <1°C / 2°F |
| **Operating temp. range** | 0 to 50 °C/32 to 122 °F |
| **Power requirement** | One MN1604/6LR61/PP3 battery or USB |
| **Output** | Bluetooth® or USB |
| **Weight** | 0.83kg/1.8lb |
| **Sealing** | IP40 |
| **Range** | 200 to 1400°C/392 to 2552°F (Operating) / 200 to 1300°C/392 to 2372°F (specified) |
| **Indication** | 5-digit LCD in viewfinder; external backlit LCD display |
| **Measuring modes** | Continuous, Average, Peak, Valley |
| **Data Storage** | Internal storage of up to 9999 readings, including date & time stamp. Also 4 'routes' of up to 99 readings per route |
| **Data logging** | Wireless Bluetooth® connection or USB connection to PC/Laptop/Mobile running the new Data Logger software (option) |
| **Data logging modes** | Classic, Historical, Burst and Route |

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|---|---|
| **Optical System** | 9° field of view; 1/3° measurement area (180:1 to 98% energy); eyepiece adjustable - 3.75 to +2.5 diopters |
| **Focusing Range** | 1m/39.3in to infinity 450 to 620mm/17.7 to 24.5in with optional 215mm/8.5in fixed focus close-up lens |
| **Target Size** | 5mm at 1m/0.19in at 39.3in 1.8mm/0.07in 0.4mm/0.016in with optional close-up lens2mm / 0.08in (135 c.u lens) 0.5mm / 0.02in (110 c.u lens) |
| **Spectral response** | 1.6 µm with advanced spectral filtering |
| **Emissivity adjustment** | 0.10 to 1.20 in 0.01 step graduations |
| **Weight** | 0.83 KG |
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