

Pyrometer: 출선구 영상분석시스템용

(포항 2, 3, 4 고로 / 광양 1, 3, 4 고로용)

Specifications

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|---|---|
| Temperature Range: | 700 to 1800 °C (MB18) |
| Sub Range: | Any range adjustable within the temperature range, minimum span 50 °C |
| Spectral Ranges: | Channel 1: 0.9 μm, channel 2: 1.05 μm |
| Resolution: | 0.1 °C or 0.2 °F at interface; < 0.0015% of selected sub range at analog output, min. 0.1 °C, 16 bit; 1 °C or 1 °F on display |
| Emissivity ϵ : | 0.050 to 1.000 in steps of 1/1000 (1-color mode) |
| Transmittance τ : | 0.050 to 1.000 in steps of 1/1000 (1-color mode) |
| Emissivity Slope K: | 0.800 to 1.200 in steps of 1/1000 (2-color mode) |
| Measurement Uncertainty: (K = 1, $t_{90} = 1$ s, $T_{amb.} = 25$ °C) | < 1500 °C: 0.3% of reading in °C + 2 °C > 1500 °C: 0.6% of reading in °C |
| Repeatability: (K = 1, $t_{90} = 1$ s, $T_{amb.} = 25$ °C) | 0.15% of reading in °C + 1 °C |
| Sighting: | Thermal Image with marked pyrometer spot |
| Optics: | Manually focusable from rear cover with measuring distance $a = 210$ to 5000 mm |
| Distance ratio: | approximately 190 : 1 |

