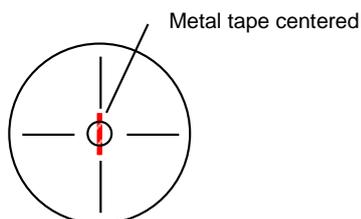


PA 40 AF 92/93/96

Supplementary Sheet for Instruction Manual PA

The PA 40 AF 92/93/96 is a special two colour pyrometer for non-contact temperature measurements on filaments. The pyrometer has a very wide range from 700 – 2400 °C and is relatively independent of emissivity or a partially filled target area.

The accuracy of the measurement depends, to a great degree, on the precise alignment of the pyrometer on the filament. To facilitate alignment, the pyrometer is equipped with through-the-lens sighting and a target marker. The measurement spot will be easiest to discern when the filament

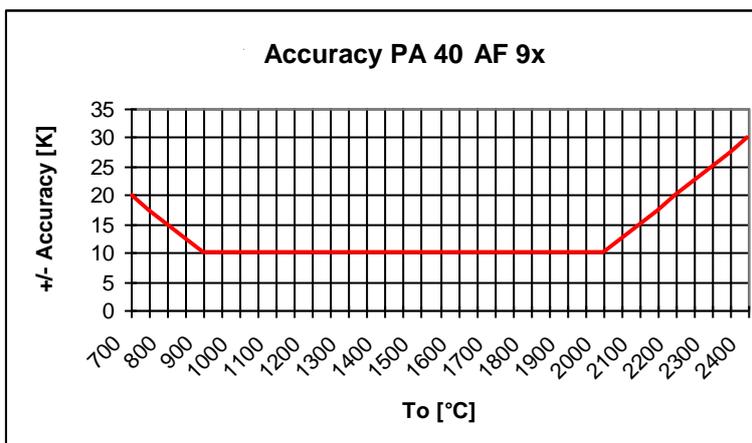


Technical Data PA 40 AF 92/93/96

Measuring Range:
Two-colour: 700...2400 °C

Measuring distance:
PA 40 AF 92 225 mm fix focus
PA 40 AF 93 162 mm fix focus
PA 40 AF 96 186 mm fix focus

Accuracy based on a KELLER HCW test setup with a 1.6 mm filament and a 50% neutral filter, assuming 23°C ambient temperature.



When measuring a filament of smaller width or if the pyrometer is incorrectly aligned the potential for error may exceed the values in the chart above.