

Capella C3, a versatile and portable two-colour pyrometer



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Pentronic can present a new product that satisfies a long-term demand: a handheld two-colour pyrometer. It is especially suited for measuring high temperatures on metallic surfaces, and is therefore very useful in the metal industry.

The C3 also has an optical finder and a laser sight with a green beam, which works better on materials that glow red at high temperatures.

An extra function makes it possible to turn off the two-colour function and only use one wavelength like a normal IR pyrometer. This is very handy when investigating the material's emission factor.

The optics have also been designed so the user can set the focus at various measurement distances, such as 1.2 mm at 380 mm or 29 mm at 10 metres.

The manufacturer has also designed the optical finder to function well when the user is wearing protective goggles or a visor.

The measurement time is fast – under 1 millisecond – and there are various measuring ranges from 300 °C to 2500 °C depending on the model. The instrument comes with a built-in memory plus software enabling further analysis and data export.

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