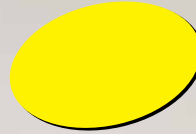
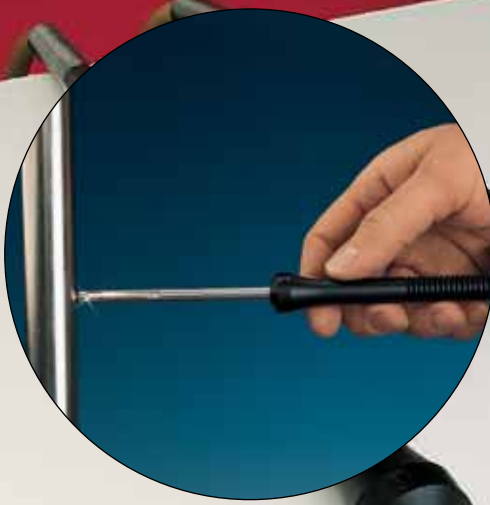


# Unique Surface Probes



## Model No. 88011(\*)

Designed to measure the surface of pipes with a  $1\frac{1}{8}$ " diameter, with a max surface temperature of 250°C (480°F). Probe is not designed for long-term exposure to high temperature.

*Replaceable Element not supplied, Model No. 88011(\*)-RE*

## Model No. 88012(\*)

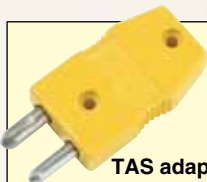
Ideal for measurements of small surfaces. The probe has a  $\frac{1}{4}$ " surface diameter, with a 480°C (900°F) max surface temperature.

*Note: Because of the compact size, micro-sensor elements are not replaceable. Patent applied for.*

## Model No. 88105(\*)

Similar to the 88102, with the sensing element running parallel to the handle. 250°C (480°F) max surface temperature.

*Replaceable Element supplied free, for additional elements order Model No. 88105(\*)-RE*



All models supplied with a molded SMP or SMPW subminiature male connector and TAS adaptor.

TAS adaptor

SMPW miniature connector.

**Model No. 88102(\*)** Right-angle, pencil-type surface probe, best suited to stationary surfaces. Sensing element is perpendicular to the handle 250°C (480°F) max surface temperature.

*Replaceable Element supplied free, for additional elements order Model No. 88102(\*)-RE*

See  
newportUS.com  
for dimensions.

**\* Specify Calibration:**  
K: CHROMEPA®-ALOMEGA®  
E: CHROMEPA®-Constantan

**Model No. 88103(\*)**

A narrow head, allowing the probe to fit through narrow openings. 480°C (900°F) max surface temperature.

Replaceable Element supplied free, for additional elements order **Model No. 88103(\*)-RE**



HH66R, shown smaller than actual size. See [newportUS.com](http://newportUS.com)

**Model No. 88101(\*)**

For measuring stationary surface temperatures, with a right-angle head for hard-to-reach inside surfaces. 480°C (900°F) max surface temperature.

Replaceable Element supplied free, for additional elements order **Model No. 88101(\*)-RE**



All models shown smaller than actual size.

**Model No. 88003(\*)**

For surface measurements of materials such as stone, iron and steel. The element is protected by metal side guards. 480°C (900°F) max surface temperature.

Replaceable Element supplied free, for additional elements order **Model No. 88003(\*)-RE**

**Model No. 88002(\*)**

Ideal for measuring the surface temperature of plates, walls, molds, dies and other stationary surfaces. The thermocouple is protected by two PFA guards. 250°C (480°F) max surface temperature. Probe is not designed for long-term exposure to high temperatures.

Replaceable Element supplied free, for additional elements order **Model No. 88002(\*)-RE**

**Model No. 88001(\*)**

Standard probe for stationary surface measurements. Suited to molds, plates, walls, glassware, etc. 480°C (900°F) max surface temperature.

Replaceable Element supplied free, for additional elements order **Model No. 88001(\*)-RE**



TAS adaptor

All models supplied with a molded SMP or SMPW subminiature male connector and TAS adaptor.

\* Specify calibration: K - Type K Thermocouple  
E - Type E Thermocouple  
Ordering Example: **88007K** probe with Type K Thermocouple.

K: CHROME<sup>®</sup>GA<sup>®</sup>-ALOMEGA<sup>®</sup>  
E: CHROME<sup>®</sup>GA<sup>®</sup>-Constantan

See [newportUS.com](http://newportUS.com) for dimensions.

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