

# Sense NEWS

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## New Development



### Smartrack 10

#### Thermal Profiling System (Data Logger and Thermal Barrier Box)

The new-age data logger Smartrack 10 is constructed using a solid block of aluminium and is perfect for monitoring your day to day temperature requirements. It comes with 10 channels of thermocouples of various types namely K, J, E and T providing a wide temperature measurement range and up to 50,000 temperature readings per channel with date and time.

[More](#)

### Swift 250C+ pyrometer

SWIFT 250C+ is a highly accurate and very fast digital two-color IR Focusable pyrometer to provide high performance and low maintenance of noncontact temperature measurement in demanding industrial and R&D environments. SWIFT A250C+ has focusable optics for optimal match of the instrument for various applications. It is equipped with RS-485 and analog outputs 0/4-20 mA.

[More](#)

## Blog

### Heat Flux Sensors



The Amount of Heat Transfer from or to a surface per unit time per unit area is termed heat flux. Heat flux is also called heat flux density, heat flow rate and its SI unit is watt per meter square ( $W/m^2$ ). It has both magnitude and direction. Therefore heat flux is a vector quantity. This heat flux is measured by the temperature change bought by the effect of the heat flux sensor.

[Read More](#)

## Vacuum Sintering Furnace



The vacuum sintering furnace is suitable for an operating temperature of 1000 deg C. The temperature is controlled through PID programmable controller with an N-type duplex sensor. All the system components are housed in the front panel for mounting of gauges, pump and switches & emergency button.

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**Vendor Approval**



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For Heat Treatment Industry  
- Mr. Praveen Trivedi**



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- Mr. Hitaish Kr. Singh**

[www.tempsens.com](http://www.tempsens.com)

**Tempsens Instruments (I) Pvt. Ltd.**  
B-188A, Road No.5, Madri Industrial Area  
Udaipur 313003, Rajasthan - India  
Ph: +91-294-3507700  
Fax: +91-294-3507731  
Our mailing address  
[info@tempsens.com](mailto:info@tempsens.com)

