

PalmSENSE is a compact fiber optic temperature sensor that brings all the benefits of Photon's traditional signal conditioners to the palm of your hand.

Description

PalmSENSE is a handheld temperature sensing system suited to high voltage environments, semiconductor industry, medical applications, laboratories and more.

If you need to conduct a field study, to quickly check operation of a unit or monitor the success of probe installation during setup then PalmSENSE is what you need. Unlike unwieldy competitor products that barely qualify as a handheld and require the user to stock bulky spare batteries, PalmSENSE was designed from the ground up as a mobile device. Overall size is comparable to a large PDA. Operating on a rechargeable lithium ion battery gives the user freedom to move between critical sensing points and store data directly to the unit's internal memory. An integrated USB 2.0 digital interface provides both data transfer between PalmSENSE and a computer as well as functioning as the units battery charger.

PalmSENSE is compatible with all Photon Control temperature probes, providing a handheld temperature sensing system suited to any environment Photon systems have ever been used in, including but not limited to:

- High RF environments such as those found in semiconductor manufacturing and telecommunications
- MRI and X-ray imaging industry.
- Power generation and distribution industry
- Scientific laboratories

Ask us how we can fit a specific probe to your particular application. Volume discounts are available.



The PalmSENSE Advantage:

- Exceptional accuracy to 50 mK
- Resolution to 10 mK
- Portable design with large touchscreen colour display
- Wide temperature range
- Rechargeable internal battery
- Wide temperature range
- 20 MB internal data storage
- Interactive software
- Comparable cost to traditional thermocouple thermometers
- Fully functional Palm Z22 PDA, including Organizer, Clock, Memo, Calculator, and Contacts.

PalmSENSE Applications:

- High Voltage environments
- Semiconductor industry
- Harsh chemical environments
- EMI, RFI, MRI, X-Ray and microwave environments
- Medical applications
- Research laboratories

