HTX-100-MRI Handheld Optical Thermometer

HTX-100-MRI

Convenient Fiber Optic Temperature Sensing

The HTX-100-MRI optical thermometer is ideally suited for research applications in life sciences and MRI applications. The HTX-100-MRI has a simple backlit LCD screen that displays temperature and optical probe health. The HTX-100-MRI connects to a computer using a mini-USB cable for data logging with OSENSAView Pro software. The handheld unit is ruggedized with a shock-proof silicone cover making it a great choice for checking individual probe health before running more involved tests. The HTX-100-MRI can also read Luxtron brand Fluoroptic® temperature probes.

CAUTION: This device is not to be used inside the MRI suite as it contains magnetic parts.

Product Specifications

Model Name	HTX-100-MRI	
LED Color	RED	
Probe Connection Type	ST	
Digital Interface	USB-mini	
Operating Environment	-20°C to +50°C	
Measurement Range*	-40°C to +120°C	
Resolution	0.01°C	
System Accuracy	±0.15°C with Calibration Coefficient	
Update rate	30 Hz	
Display	Backlit LCD Character Display	
Operating Humidity	0 to 90% RH (Non-Condensing)	
Dimensions	122mm Long x 76mm Wide x 36mm Depth (with silicone cover)	
Power	Standard 9V Alkaline or Rechargeable	
Configuration Software	OSENSAView or OSENSAView Pro	
Product Compliance	CE	
Supported Probes	OSENSA -MRI Style Probes PRB-220, PRB-242, PRB-G20-MRI, PRB-G40-MRI, PRB-500, PRB-100	Luxtron Fluoroptic® STB, STS, STR, STM, STF, MicroProbe

Note: Measurement range can be extended from -95°C to +200°C for some probe styles.

Specifications subject to change without notice.

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