

PRODUCT LEAFLET
LABTEMP



Measure your device and lab temperature the easy way. LabTemp is a hub with one internal and 3 standard external temperature probes. LabTemp connects to Viso LabSpion and BaseSpion. The hub is attached to the goniometer with strong permanent magnets.

GET DEVICE TEMPERATURE THE EASY WAY

- Measure light source temperature in 3 points on light source
- Get laboratory (ambient) temperature via internal sensor
- Attaches to the goniometer arm with magnets
- Live-view of temperature results in software
- Saves temperature results with light measurement file
- Easy and safe Ethernet cable connection
- Special Viso accessory



Upgrade your Viso system with temperature measurements



The LabTemp connects to the mainboard with a single Ethernet cable



Three standard probes are included + one internal sensor



LabTemp is easily attached to the goniometer with permanent magnets



SPECIFICATIONS

KEY ADVANTAGES

- Captures temperature data on any Viso BaseSpion and LabSpion while measuring light
- Easy to install and use. No extra software. No extra power supply. No extra data cables
- 1 internal and 3 external sensors included. Install more LabTemp devices if more channels are needed.
- Ambient temperature control mandatory in CIE S 025/E:2015 guidelines

INSTALLATION

- Attach the LabTemp to your goniometer frame with the built-in magnets
- Plug in 1 - 3 external temperature probes and attach the far end to your Tc points on the light source
- Easily connect the LabTemp by daisy chaining the LabTemp and the c-plane motor - power and data by Ethernet cable.
- If you have more than one LabTemp, just daisy chain together (cable in sequence)
- Make a measurement, and follow the live temperature measurement results in the software.

TECHNICAL SPECIFICATIONS

Power and data	Via Ethernet RJ45
Dimensions, L*W*H	76.3mm * 58mm * 32mm
Materials	Powder coated steel housing
Weight	Device 200 g + sensors and 0.5 m Ethernet cable
Number of sensors	Internal 1 pcs, external 3 pcs
Temperature range of sensors	Internal -40 to 128 °C, external -210 to 1800 °C
Accuracy of sensors	Internal ± 0.25 °C, external $\pm 0.15\%$
Precision of sensors	0.01 °C
Update Frequency	5Sa/s

