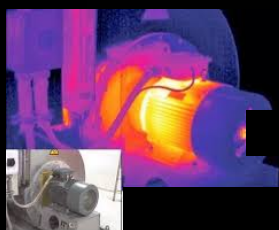




Thermal Imager Ti120

- Boot-up in 1 second Boot up and display fully radiometric image instantly
- Full screen max & min temperature alarm
2.4 inch Large Display 240x320 pixel Color LCD
- Good-handle Buttons,Ergonomic design,Easy to operate even wear the gloves
- 8-hour Battery Life Low power consumption, Large capacity battery,2-hour Quick Charge,USB Type-C Interface,High power quick charge
- Laser Sighting Pinpoint targets precisely
- Trigger Button,Trigger button for photo taking

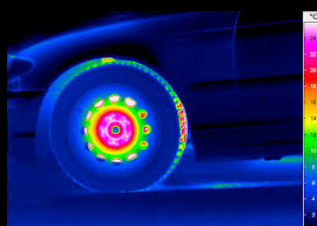
Rugged Design,2-meter Drop Test,
IP54 Encapsulation



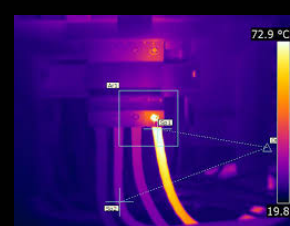
Motor Thermal Analysis



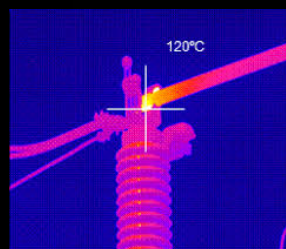
Motor / Shaft Alignment



Car Axle / Tyre / Disc Break



Electrical Panel Hot Spot



Switchyard Hot Spot



Railways Hot Axle Detection

STEK Ti120 Technical Specifications

IR image & Optical	
IR Resolution	120×90@17μm
Detector type	VOx/7.5~14μm
Frame Rate	25HZ
Thermal Sensitivity	60 mk
Focal Length	2.28mm/F1.13
Field of view(FOV)	50°×38°
Spatial	7.6 mrad, https://stek.in/field-of-view-calculator
Focus	Focus-free
Image Display	
Display	2.4 inch IPS technology TFT display
Display Resolution	320×240
Image Model	IR image
Color Palettes	6:White Hot, Iron Red, Hot Iron, Arctic, Rainbow 1, Rainbow 2
Temperature Measurement	
Temperature Range	-20°C-150°C, 100°C-400°C (Auto switching)
Accuracy	±2°C or ±2%, whichever is greater (target temp ≥0°C, ambient temp is 15°C ~ 30°C)
Measurement Spot	Center spot
Measurement Area	3(incl. max & min temp)
Auto Hot & Cold Spot Tracking	Yes
Alarm	Full Screen Max & Min Spot Alarm
Image Storage	
Storage Media	TF card (Standard 16G, up to 32G)
IR Image Format	Full Radiometric (JPG) (120 x 90)
Connections & Communications	
USB	TYPE-C、TF Card slot
Laser	Yes
Tripod interface	Yes

- STEK Thermotools Thermography Analysis Software
- NABL Calibration Certification