

# UTi120T/UTi720T

## TROUBLESHOOTING ALL IN CONTROL

UTi120T/UTi720T portable series are with ergonomic design, perfectly fits human palm for fast detect the potential faults in building diagnosis, automotive maintenance, electrical equipments inspection, etc. industry. They feature a 3.5" touch display screen to ensure the display effect. Supports to connect APP via Wi-Fi to realize data transmission & analysis, helping users improve the working efficiency to deal with the severe scenarios.

### Smart Meter

Connect to other smart meter products via Bluetooth for accuracy measurement.



### NFC Connection

Realize Wi-Fi seamless connection through NFC sensing technology, save operating time of manual connection.





Automotive Inspection



HVAC



Mechanical Maintenance



PCB Performance Testing

Specifications

Model No.	UTi120T	UTi720T
Technical Data		
Display	3.5" TFT Touch (320×240)	3.5" TFT Touch (640×480)
IR resolution(Pixels)	120×90	256×192
Pixel size	17μm	12μm
Frame rate	≤25Hz	
Thermal sensitivity(NETD)	≤60mK	≤50mK
Focus	Focus Free	
Field of view(FOV)	50°(H) × 38°(V)	56°(H) × 42°(V)
Temperature measurement range	-20°C~400°C	-20°C~550°C
Accuracy	≥0°C, ±2°C or ±2% whichever is greater <0°C, ±5°C or ±5% whichever is greater	±2°C or ±2% whichever is greater
Functions		
Color palettes	White Hot, Black Hot, Ironbow, Hot Iron, Arctic, Medical	White Hot, Black Hot, Red Hot, Ironbow, Lava, Rainbow, Rainbow HC
Image modes	Thermal, Visual image, Fusion, PIP	Thermal, Visual image, Fusion (T-Mix), PIP
On screen analyzer	1 Point/1 Rectangle	5 Points/1 Line/ 3 Rectangles/ 3 Circles
Isotherm	Auto/Manual	Auto/Manual/Above/Below/Section/Ratio
Hi/Lo temperature alarm	LCD animation & LED flashlight	LCD animation, LED flashlight, Buzzer
Hi/Lo temperature tracking	√	
Digital camera resolution	640×480	2MP
Digital zoom	1.0~8× continuous	
Video recording	—	√
Wi-Fi / Wi-Fi live streaming	√ / —	√
LED lighting	√	
Bluetooth	—	√
NFC	—	√
Analysis software	PC+APP	
General Characteristics		
Battery	1800mAh rechargeable Li-ion battery	
Operating time	≥2 hours (with Wi-Fi off)	≥2.2 hours (with Wi-Fi off)
USB	Type-C	
Storage	4GB Internal	12GB Internal
Image storage format	JPG	
Video storage format	—	.avi
Protection	IP54 & 1m drop proof	
Certificates	CE, FCC, RoHS	
Languages	ZH, EN	EN, FR, DE, ES, IT, SV, PL, CZ
Weight	213g	
Dimension	133.05mmx85.4mmx24.1mm	

What's in the box



Soft Carrying Bag



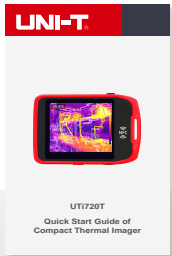
Thermal Imager



Wrist Strap



Type-C USB Cable



Quick Start Guide



UNI-T®  
UNI-TREND TECHNOLOGY