

# Thermoscan Service by Siemens Thailand Carried out by certified Level 3 person

Infrared Thermal Imager  
**Thermo Tracer**  
TH9100 ML/WL

**NEW**

**High Quality and High Resolution Thermal Image**  
320 X 240 pixels I.F.O.V 1.2mrad

**Visual Camera Built into IR Lens**  
Built-in visual camera on Standard, Telephoto and Wide Angle lens provides minimal parallax and the same magnification with the infrared lens.  
Simultaneous storage of infrared and visual image in the same file.  
Standard lens has high resolution I.F.O.V 1.2mrad.

**High performance UFPA detector**  
Temperature resolution(TH9100ML)  
0.08 °C at 30°C 60Hz  
0.04 °C at 30°C 2.16  
Measuring accuracy ±2% or ±2°C

**Light weight & Robust Body**  
Weight approx.1.7kg(including battery and LCD)  
Operating temperature -15 to 50°C  
Dust/splash-proof IP54  
Shock 294m/sac(30G)  
Vibration pre of 29.4m/sac(3G)

**Automatic functions**  
Level/lens/focus, level trace & Auto gain control

**High quality flip out 3.5inch LCD**  
Adapts to sun light reflection or low light conditions for both outdoor and indoor Fully functional in bright light.  
Detachable and extendable with optional extension cable.Remote controller available as option.

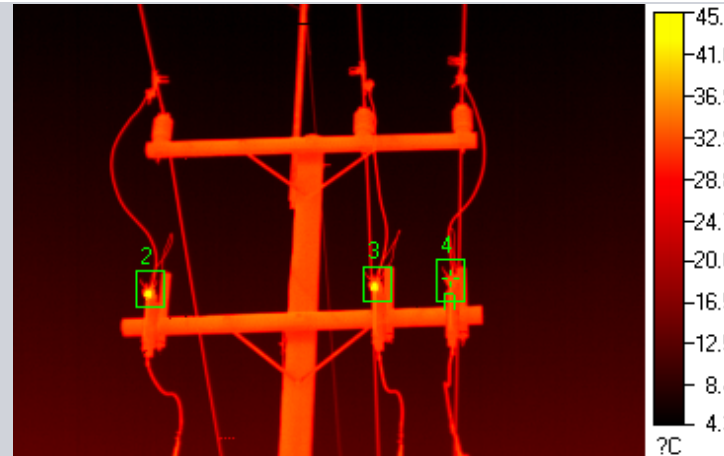
**Easy Operation**  
Easy-to-use joystick control  
Pull down menu  
Multilingual Menu  
(English, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Simplified Chinese, Traditional Chinese)

**Lengthy Battery Life**  
Approx. 2 and half hours operation available with a small and lightweight battery (approx. 100g).  
Battery life indicator lets you the timing to change the battery.

Visual Image      Thermal Image

**NEC**

NEC San-ei Instruments, Ltd.



Details	Ref.	Rect2	Rect3	Rect4
Emiss.	0.92	0.92	0.92	0.92
Avg		19.7 °C	23.5 °C	20.2 °C
Min		8.4 °C	8.2 °C	7.9 °C
Max	33.0 °C	45.1 °C	44.8 °C	33.7 °C

## Why Perform a Thermo scan ?

Heat is the major cause of faults and failures in electrical equipment. The cause could be due to operational variations, environment, loose connections or age related insulation weakness. This ultimately lead to equipment failure and in some cases dangerous accidents. It is therefore essential that maintenance personnel conduct a Thermo scan on their critical electrical equipment **Annually** to ensure that no heat related causes exist that could cause future faults. This clearly identifies hot spots and allows you to take immediate corrective action.

**Special Price 5,000.00 Baht/day for Bangkok area, excluding transportation.**

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