

# 8 Channel Thermal Checker

## ConTek CT-800W

### Equipment specification

Model : 8 Channel Thermal Checker  
 Application : Wave solder/Reflow oven temperature record  
 /Solder paste soaking timing/Formation degree measurement record  
 Measurement range : 0 - 500 C, Thermal checker measurement range : 0 - 1024 C  
 Thermocouple type : K - type  
 Data Transmission : Wireless (RF) / RS 232 cable (optional)  
 Measurement Accuracy :  $\pm 0.25$  C  
 Sampling frequency : 0.1s - 120s  
 Record point : 2688 points  
 Dimension : 174(L) x 84(W) x 19(H)mm  
 Measurement Software : Simplified Chinese/ Traditional Chinese / English Verion  
 Battery : Nickel Hydrogen battery , 4.5V , 2400mHA  
 Solder paste soaking timing channel : 32 channel  
 Internal temperature protection : heat-resistant 100 C, internal auto protect 75 C



### Wireless mode specification

Power : 21 dbm  
 Transmission rate : 9600 bps  
 Transmission range : 150 meters  
 Output Impedance : 50 ohm  
 RF type : FSK  
 Sensitivity : - 105 dbm  
 Operation frequency : 429.00 - 433.00 M Hz

\*Data save in flash Memory, data can transfer by using data cable if wireless transmission down



### Software function

- ★ Key in company name, product name and remark of information
- ★ Temperature sampling location point name and PCB map
- ★ Import second profile for comparison
- ★ Tolerance curve
- ★ Solder paste soaking timing / Formation degree measurement record
- ★ Max temperature ,upper and lower limit temperature setting.
- ★ Level temperature line, vertical time line and different between the two time line.
- ★ Editable grid and profile display zooming
- ★ Report printing function
- ★ Data export function (EXCEL report)

