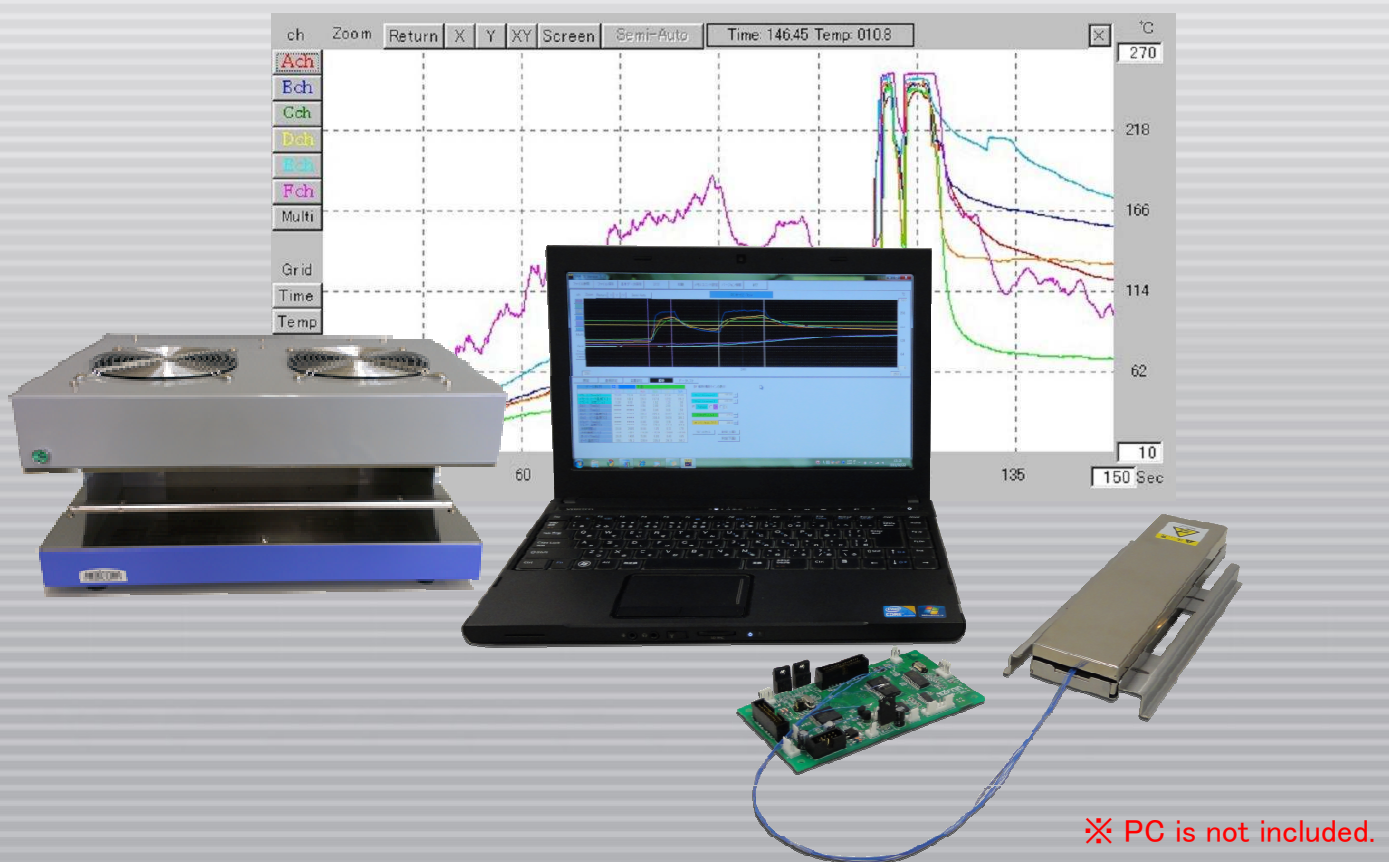


# FCX – 50

## FLOW PROFILER



- High thermal performance, being smaller and lighter (6 points measurement, width 65mm)
- Thermocouples and Analysis Software appropriately Control Temperature Profile of Solder Bath.
- Add RCX-O Reflow Checker Memory Unit (plus  $\alpha$  O<sub>2</sub> Concentration Monitor) & RCX-W Reflow Checker Memory Unit (plus  $\alpha$  Air Velocity Monitor).

# Easy and Accurate Control for Dip Time・Soldering Temp. of 1<sup>st</sup> and 2<sup>nd</sup> Solder Bath

- Long thermocouple unnecessary, Easy temperature profile creation of solder bath.
- The dedicated Software <TAM-60> analyzes Solder Temperature and Dip Time from various angles, automatically judging by the preset solder, preheat temperature and time.
- Thermocouple 0.1  $\phi$  is optimum for flow soldering, realizes quick response.
- Heat Resistance of Memory Unit is extremely improved.
- BLUETOOTH enables Wireless Data Communication. **NEW**
- A main unit memorizes 20 profiles. **NEW**  
After data acquisition of some production lines, call the data together.
- AAA batteries are helpful when battery problems occur. **NEW**
- Add RCX-O Reflow Checker Memory Unit (plus  $\alpha$  O<sub>2</sub> Concentration Monitor) & RCX-W Reflow Checker Memory Unit (plus  $\alpha$  Air Velocity Monitor). **NEW**

## Specifications

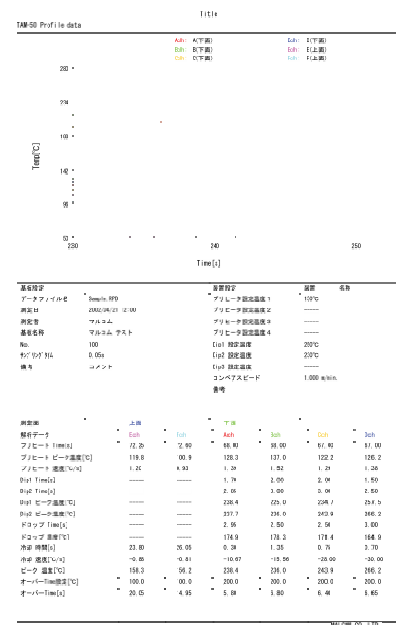
Memory Unit	
Model	RCM-S
Measurement Points	6ch
Measured Temp. Range	0~500°C
Max. Measurement Time	8 hours * 1 * 2
Sampling Time (sec./Max. Storage Time)	0.05/4h50min, 0.1/10h40min, 0.2/21h20min, 0.5/48h20min, 1.0/96h40min, 2.0/193h20min, 4.0/386h40min, 8.0/773h20min
Temp. Accuracy	$\pm 1^\circ\text{C}$
Connector	Miniature Connector
Input	Thermocouple JIS-K 1K $\Omega$ max. ( $\phi$ 0.1, 10m)
Power Supply	AAA batteries x 3pcs. Manganese batteries, Alkaline battery, Ni-MH battery Lithium Ion battery (option)
Interface	USB (mini USB-B) or Bluetooth
Outer Dimension	65 (W) x 245 (D) x 25 (H) mm
Weight	Approx. 500g (Conveyor Attachment System is not included.)
ware	
Applicable OS	Windows 7 (32 & 64bit) / VISTA / XP (32bit)
Operating Environment	PC which the applicable OS operates
Cooling Unit	
Model	RCF-3
Power Supply	AC100V~240V (approx. 15W) 50/60Hz
Outer Dimensions	350mm (W) x 240mm (D) x 160mm (H) * assembled size
Weight	Approx. 5kg
Conveyor Attachment System	
Adjustable Arms	* Standard: S+S Type S (ex) S+S→80~140mm S+M→124~205mm Type M (ex) M+M→136~270mm M+L→198~340mm Type L (ex) S+L→193~275mm L+L→213~410mm (Two types selectable upon ordering, additional arms are option.)

- \* The above specifications are subject to change without notice.  
 \* 1 It differs from the heat resistant time of memory unit.  
 \* 2 It is the experimental value by AAA battery. The max. measuring time depends on battery capacity.

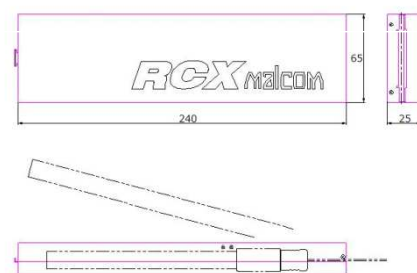
Soldering Process Devices  
 LED Manufacturing Devices  
 Bio-Technology Products

Representative

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TAM-60 Print Example (Report Format)



RCM-S Outer Dimensions