

## REFLOW SIMULATOR (SRS-1C)

Reproduce the temperature profile of Reflow oven. Can observe the melting state of solder paste.

Easily achieved by the temperature profile of lead-free solder mounting.

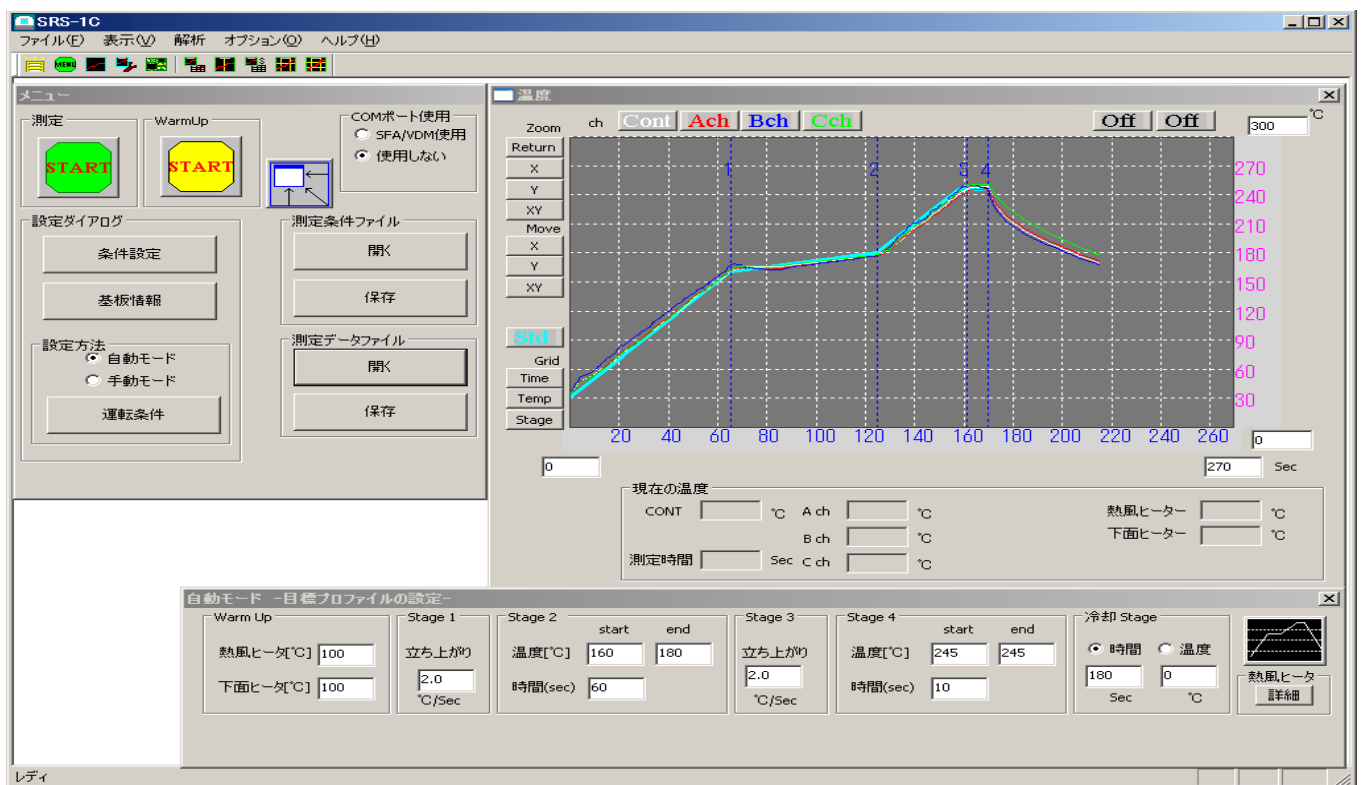
**Observation test of heating conditions**

**R&D, quality control, etc.**



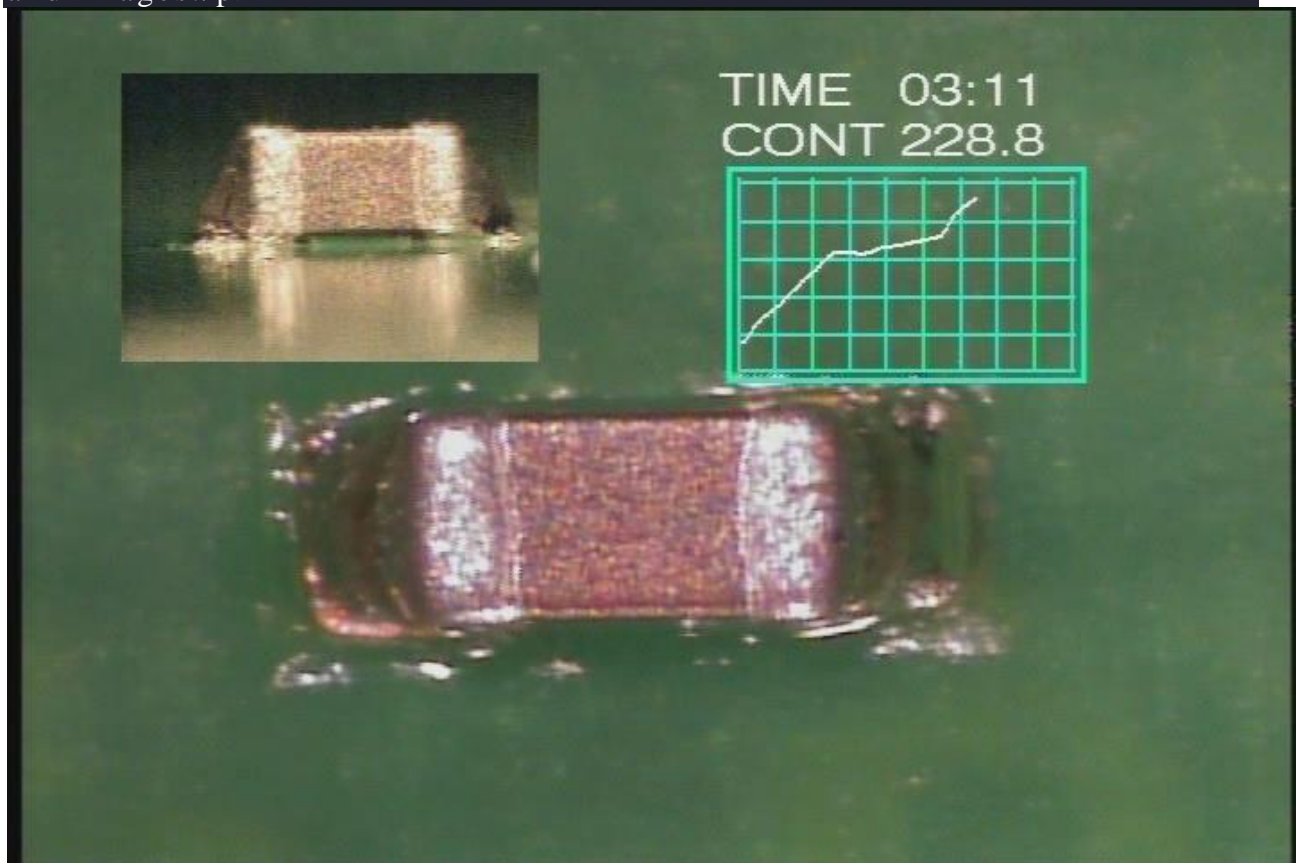
## Feature

- The top surface of the original heater control matrix, the optimal temperature distribution in the heating test can also be unbalanced heat capacity with respect to the substrate.
- For each stage as well as temperature, time can be arbitrarily set, you can freely extend the time of peak reflow temperature maintenance.
- The observation windows on three sides and top of the front and back of the device, can be observed in the furnace during operation Mokushi the state.

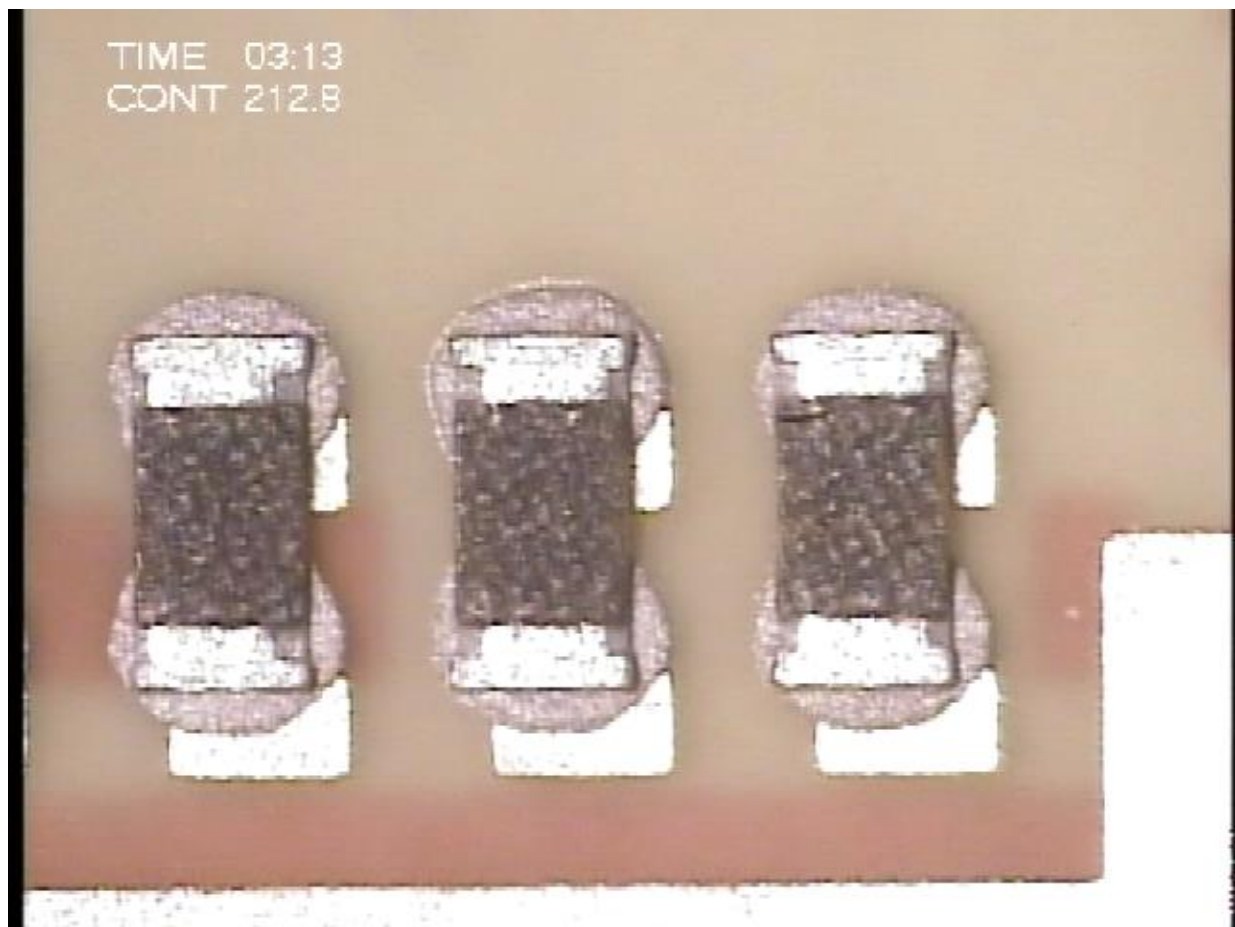


## Video observation

The VDM-3 video observation system can be used to store temperature and images./p>



## Topside camera observation



## product specification

Item	Specification
Model Name	SRS-1CS
Applicable Circuit Board	Up to 70W x 70L x 10H mm
Outer Dimension	Main Unit : 320W x 285D x 310Hmm Controller unit : 290W x 235D x 270Hmm
Heating Method	Upper-face : Hot air Lower-face : Extreme infrared radiation
Cooling Method	Flowing air or N2 air (with flow adjustable valve)
ower Supply	200V 50/60Hz 3kVA 3Phase
Air	0.3 - 0.5MPa 100 liter/min (Maximum)
O <sub>2</sub> Concentration in Furnace (when using N <sub>2</sub> )	100ppm minimum (Heating furnace is sealed up)
PCB Installation	Flat plate system
Upper-Heater	hot air heater : Approx. 2.8kW (Approx. 350W x 8 series) * Deviation to standard nozzle can be set.
Lower-Heater	Extreme infrared radiation heater : Approx. 360W
Temp. Accuracy	5C maximum (Maximum range : 50(W) x 50(L)mm in the center)
Measuring Temp. Range	Room temp. - 330C
Measuring Points	3points
N <sub>2</sub> Gas Supply Function	25 liter/min. with flow regulating valve during operation.
Control	Exclusive softwarefor Windows XP
Weight	Main unit : Approx. 12kg Controller unit : Approx. 8kg

- \* The above specifications are subject to change without notice.