

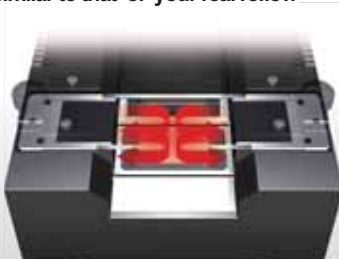
# Brings you along into the invisible world of the reflow

Let's peep into the reflow through Cores' Microview, another completely new concept reflow simulator, shall we?

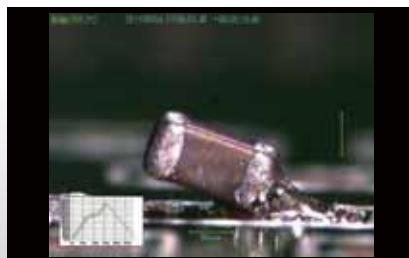


## MICROVIEW $\alpha$ core9045a

**A convectional heating method** similar to that of your real reflow



**"corePlayer"** - Special software for analyzing surface-mount processes



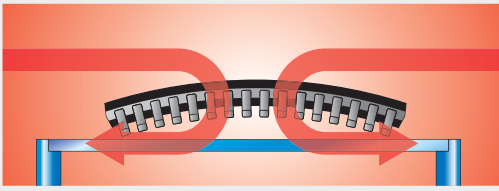
**A camera stand with a movable range of 180°**



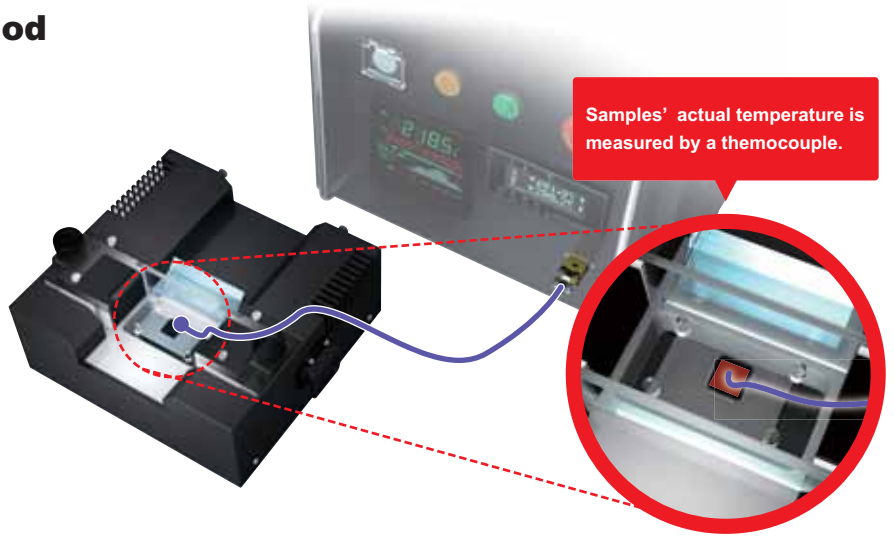
## A convectional heating method

Microview  $\alpha$ , in spite of being small enough to get installed onto a microscope, has its own reflow with an effective convectional heating method similar to those of real reflows. Any sample devices within a size of 50 x 39 mm can be observed for analysis under similar thermal environments to those inside real reflows.

### How heated air flows by convection



\*Horizontal view image



## "corePlayer", the special software for surface-mount process analysis

"corePlayer" compares obtained image data with given temperature profile data process and analyze the surface mounting process of a sample device as the image and temperature profile data synchronizes with each other. Rewinding / fast forwarding is so easy with the cursor on the PC that you can instantly move to the scene you want to check and observe in detail.



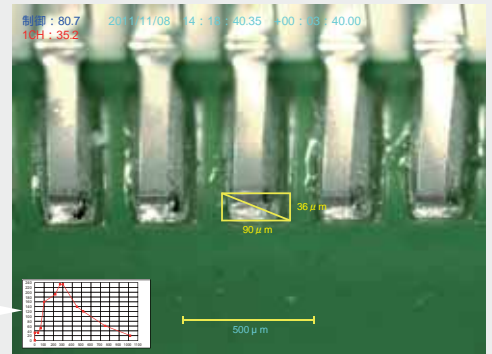
### Cursor operation

The cursor helps you move quickly to the data you want in playing back. Editing is easy, too, and you can spare a lot of time in doing so. Just output the image data you want to edit after setting the start and the end points on the data for storing.

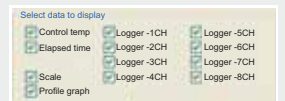


### Superimposing function

Use the superimposing function, and you can easily display or erase profile graphs, a cursor between given 2 points and scales on obtained image data. Thus you can compile and complete data file effectively and quickly.



Check the boxes as shown in the right to select the data for display out from all the obtained image data.

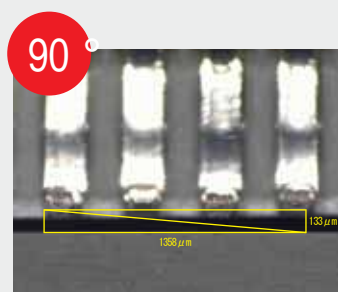


## Camera stand with a 180 degree movable range

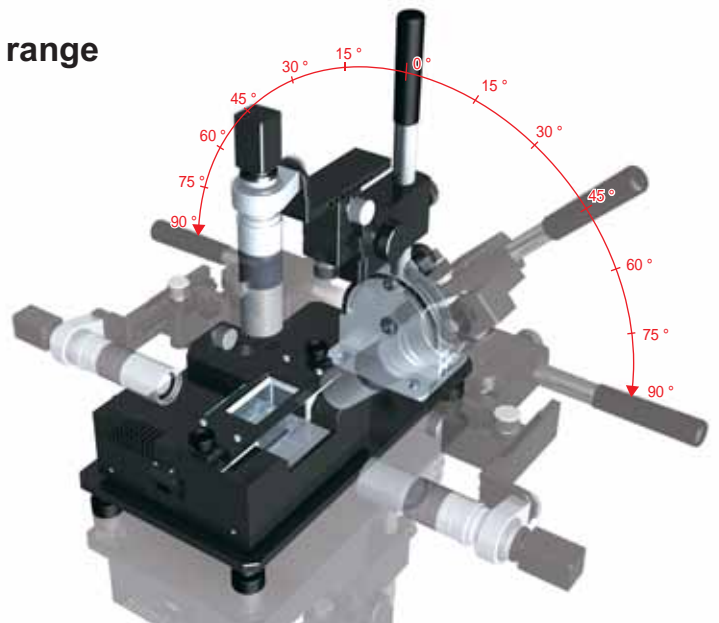
The camera stand, specially designed for Microview  $\alpha$ , has a wide movable range of 180 degrees from vertical to horizontal semi-spherically. You can easily focus on to observe any data as you like and repeat observation at any given degree by adjusting the scale on the handling lever.



Vertical observation on solder wettability



Horizontal observation on connector coplanarity



Please feel free to contact Cores for more information and demonstration.

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