

Sensor System Ensures Heat Sink Efficiency

The Tactilus heat-sink analysis system helps users quickly and precisely test and correct the surface contact and pressure distribution between the heat sink and its source. They can visualize actual contact forces and pressure distribution data on components. As the mounting screws between the CPU and the heat sink are torqued, Tactilus maps and measures the changing pressure distribution between the mating surfaces and displays it through software. Heat sink interfaces can be tested, manipulated, and repositioned in real-time, speeding the trial and error process and eliminating the need for additional assembly. Tactilus also provides the pressure data needed for FEA simulation predictions.

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