

# LET ATS DIAGNOSE AND TREAT YOUR THERMAL PROBLEMS

In medicine, diagnosing an illness and determining the correct treatment is often a matter of life or death. Healthcare professionals depend on the quality, accuracy and reliability of their electronic devices in order to treat the injured or sick and save lives. In medical electronics, how effective an engineer is at managing a device's heat is often the difference between its success and failure.

Advanced Thermal Solutions, Inc. (ATS), an industry leader in electronics cooling, offers comprehensive thermal management analysis and design services tailored to help bring medical electronics to market faster, ensure their reliability and reduce development costs.

ATS' thermal management analysis and design services encompass both experimental and computational simulations using proprietary tools and computation fluid dynamics software packages such as FLOTHERM and CFdesign. ATS studies the full packaging domain, including components, circuit boards (PCBs), shelves, chassis, and system packaging. The company's design services include heat sink, board and fan characterization; heat sink and fan tray design and optimization; liquid cooling design; prototyping of heat sinks and complete cooling systems; and wind tunnel testing of components, PCBs, chassis and enclosures.

More information about ATS thermal design and testing services can be found on the Advanced Thermal Solutions website, [www.qats.com](http://www.qats.com), or by calling 781-769-2800.



Advanced Thermal Solutions, Inc.

89-27 Access Road | Norwood, MA | USA

T: 781.769.2800 | F: 769.769.2800 | [www.qats.com](http://www.qats.com)



**ATS** ADVANCED  
THERMAL  
SOLUTIONS, INC.  
Innovations in Thermal Management®