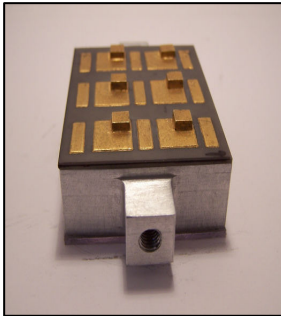


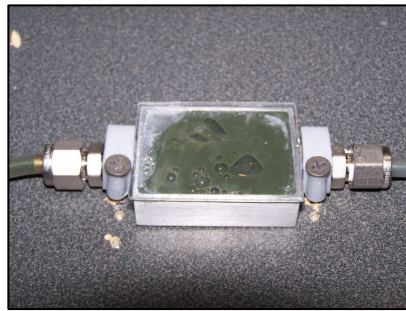
Design and Development of Integrated Thermal Management Systems

Aegis Technology specializes in the design and development of integrated thermal management systems including the following:

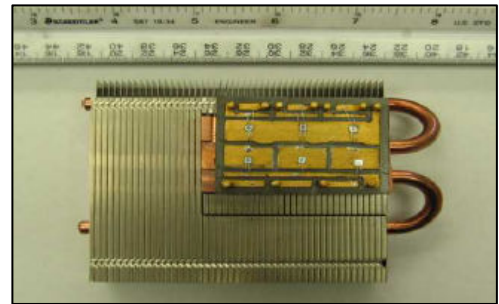
1. High-efficiency and compact heatsink systems based on:
 1. Microchannel
 2. Microjet
 3. Porous media including aluminum and graphite foam
 4. Heat pipes
 5. Thermoelectric coolers and generators
 6. Phase change materials
 7. Two phase cooling
2. High-efficiency and high temperature capable heat exchangers (radiators) based on:
 1. Strength-enhanced graphite foam
 2. Carbon-carbon composite



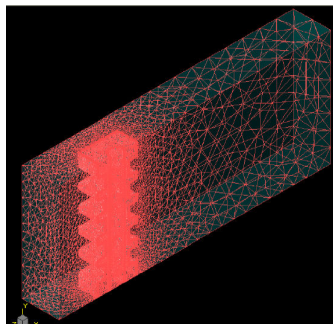
(a)



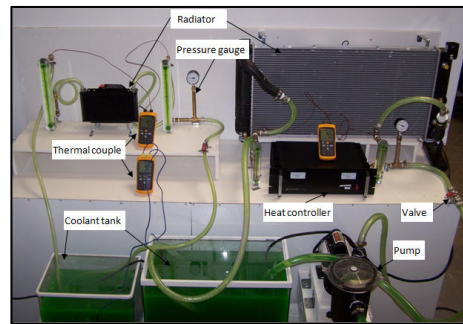
(b)



(c)



(d)



(e)

- (a) Aluminum and graphite foam integrated heat sink,
(b) Heatsink with nanocoolant, (c) Heat pipe based heat sink,
(d) Computer modeling and simulation of radiator, (e) Radiator system

CONTACT

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