

Thick Film Quartz Heater Modules

These thick film quartz heater modules, which are for deionized water and aggressive chemicals in semiconductor wet chemistry applications, feature an optical trip that protects the heater from excessive boiling, non-contact dry fire, and insufficient fluid flowing through the heater. Thick film avoids the permeability problems experienced with Teflon-coated products by utilizing semiconductor-grade quartz. Heating elements are applied directly onto the exterior surface of the quartz tubes, providing efficient transfer of heat energy with rapid response to changes in flow and temperature.

Watlow, St. Louis, MO; 800-492-8569; www.watlow.com

Editor's Note:

The heater can be supplied as a single module unit that can be integrated directly into a tool.

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<http://www.chem.info/product-releases/2007/12/thick-film-quartz-heater-modules>