



Immersion Heaters, Air Heaters, Burners and Heating Coils.



(562) 951-9500

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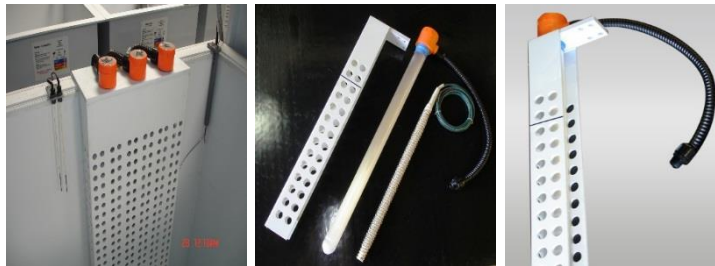
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Quartz Heater for acid solutions

For acidic solutions, [quartz \(silicone dioxide\) or PTFE \(Teflon®\)](#) coated immersion heaters are used.

Quartz heaters are resisting pH solutions from 0 to 7, except Hydrofluoric acids and caustics. For Hydrofluoric acids of less than 9% concentration we recommend PTFE coated immersion heaters. Many Nickel and Chrome plating tanks have [quartz heaters installed](#) because they are more economic than PTFE coated heaters.

Extra caution should be used when installing and handling quartz heaters. We build them as [over-the-side-immersion heaters](#) up to 70 inches long, so they can easily be installed from the top. To achieve greater heating power, we can group three heaters together well protected by a Polypropylene guard.

Our [quartz immersion heaters](#) are manufactured in three components: a guard (stainless steel, polyro), a quartz tube and the heating element that fits into the quartz tube. To reduce your costs, all three components can be purchased separately.

The use of a [liquid level safety device](#) is the perfect accessory for all types of immersion heaters. It shuts the heating power off when the solution evaporates below a set limit or other unforeseen incidents.

Our online immersion heater configurator located [here](#), will help you quickly find the product you need for your application.

Contact Us - Immersion Heaters - Air Heaters - Burners and Heating Coils

Please call our application team at (562) 951-9500 or click here to submit your RFQ or questions.

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