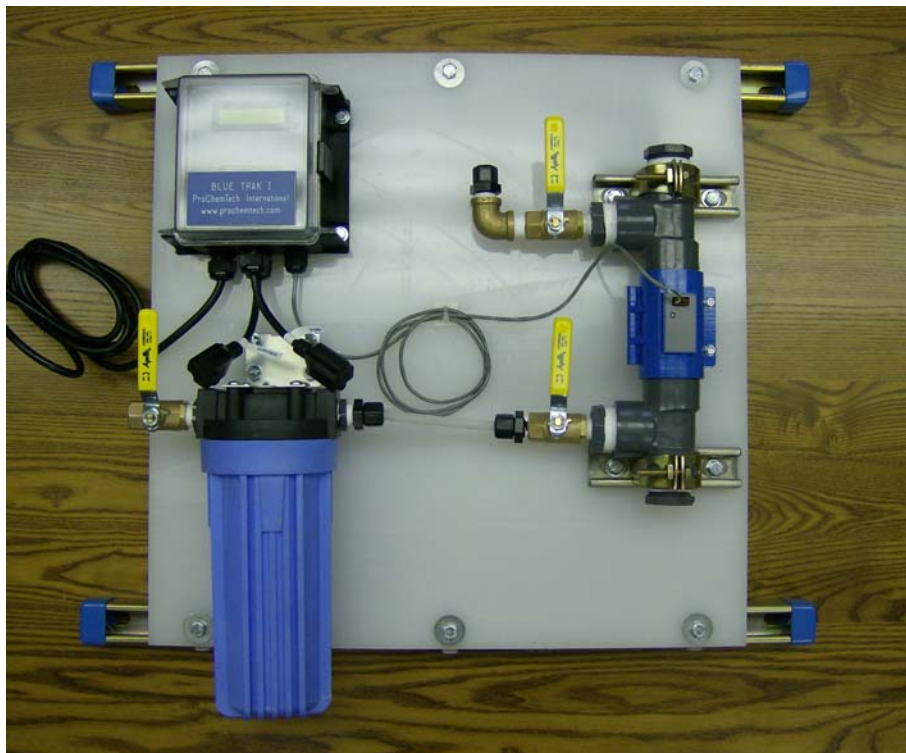


## BlueTrak I<sup>™</sup> – Automatic Chemical Concentration Control for Cooling Towers

MB 04/07

Accurate, automatic control of chemical inhibitor concentration in cooling towers is now possible with development of the **BlueTrak I** unit by ProChemTech and Advantage Controls. Operation of this unit is based upon the non-toxic organic colorant tracer technology, **BlueTrace<sup>™</sup>**, developed by ProChemTech in 2006 for field testing of phosphonate - polymer cooling water treatment products. The **BlueTrak I** uses an on-line laser diode spectrometer to determine the amount of product in the cooling water, compares this value to the set control limit, and adds product as needed to automatically maintain the set control level.



Shown is a complete panel mounted **BlueTrak I** consisting of the controller, cooling water filter, and spectrometer cell. All that is needed for a complete chemical control system is a typical chemical feed pump.

BlueTrak automatic control technology is also available on various Advantage Controls, Inc., systems such as the Megatron and Microtron series units.

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