

## 2 EZ - BlueTrak II<sup>tm</sup> – Cost Effective Spectrophotometric Chemical Feed Control Systems

MB1113

Cost effective, automatic control of chemical inhibitor concentration in cooling towers is now possible with development of the low cost, water proof **2 EZ - BlueTrak II** unit by ProChemTech and Advantage Controls. Operation of this unit is based upon the patented\* non-toxic organic colorant tracer technology, **BlueTrace tm**, developed by ProChemTech in 2006 for field testing of phosphonate - polymer cooling water treatment products. The **2 EZ - BlueTrak II** uses an on-line laser diode spectrophotometer 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 **2 EZ BlueTrak II** consisting of a 2EZ-D1L controller with **BlueTrak II** spectrophotometer cell and cooling water filter. All that is needed for a complete chemical control system is a typical chemical feed pump. This unit is the perfect low cost retrofit to automate existing control systems

**BlueTrak** spectrophotometric control technology has been proven in service since 2007 at over 200 industrial and HVAC accounts for control of chemical levels in both cooling towers and closed loop systems. The only other automatic control technology available is the ultraviolet florescence (UVF) technology developed by EcoLab/Nalco. Equipment cost is the major difference between the two technologies as shown by the following comparison.

BlueTrak II Sensor Unit - \$594.00  
BlueTrace Handheld Tester - \$412.00

Lakewood UVF Sensor Unit - \$3,069.00  
Turner UVF Opti-Check Handheld - \$995.00

**ProChemTech International, Inc.**  
**"Innovation in Water Management"**

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\* US patent 7,932,091