



# M&D pH solutions *high purity pH sensors*

*Why do companies call Murphy & Dickey more than any other for pH measurement solutions? Experience. Our project logbook includes thousands of successful application of pH instrumentation and chemical feed systems. 630-655-1080*

## High Purity pH – Simple!

Accurate and stable measurement of pH in boiler water, boiler feedwater, and steam condensate is critical. This high purity water has low conductivity and low ionic strength. pH sensor reference junction solutions are typically high in conductivity – high ionic strength. The reference solution migrates from high to low concentration, rendering the probe ineffective.

The 3200HP “pHaser” is the latest offering by Rosemount Analytical for high purity pH. It features a refillable flowing reference that constantly replenishes the electrolyte solution as it becomes depleted, allowing stable and accurate pH readings. The innovative laser-drilled open capillary junction (patent pending) is manufactured to a smooth finish. This allows a steady, constant flow over the wetted surfaces, thus preventing plugging.

Calibration and maintenance is simple. The reference electrolyte solution needs to be refilled about every two months. That's it! Warranty is two years!

Contact: *Murphy & Dickey, 630-655-1080.*



Shown here at approximately 250x magnification



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## DON'T FORGET SAMPLE CONDITIONING!

pH monitoring is only part of the system. A hot water sample can damage analytical equipment. We offer a variety of grab sample stations and sample coolers. Murphy & Dickey, Inc. has provided pH monitoring and feed solutions to major manufacturing facilities, power generation facilities, refineries, and water treatment plants for over 40 years. [www.murphyanddickey.com](http://www.murphyanddickey.com)