

# How do I achieve more accurate pH measurement?

To yield the most accurate pH measurement, it is important to compensate for temperature. Temperature has two significant effects on pH readings. The solution pH and the electrode output will both change at different temperatures. These two effects, either together or separately, can lead to errors in calibration, measurement and control.

---

The contents of this publication are presented for information purposes only, and while every effort has been made to ensure their accuracy, they are not to be construed as warranties or guarantees, express or implied, regarding products or services described herein or in their use or applicability. All sales are governed by our terms and conditions, which are available on request. We reserve the right to modify or improve the design or specification of such products at any time.

© 2024 Broadley-James Corporation. All rights reserved. Visit [www.broadley-james.com/trademarks](http://www.broadley-james.com/trademarks) for trademark information.

TMP-BF-102101



#### North America and Pacific

Email: [sales@broadleyjames.com](mailto:sales@broadleyjames.com)  
Web: [www.broadleyjames.com](http://www.broadleyjames.com)

19 Thomas, Irvine CA, 92618 USA

Phone: 949-829-5555  
Tollfree: 800-288-2833  
Fax: 949-829-5560

#### United Kingdom and EU Countries

Email: [sales@broadleyjames.co.uk](mailto:sales@broadleyjames.co.uk) Phone: +44 (0)1525 862518  
Web: [www.broadleyjames.eu](http://www.broadleyjames.eu) Fax: +44 (0)1525 862811

Wrest Park, Silsoe Beds MK45 4HS, UK