



## Intellical PHC745 Laboratory Clogging Media RedRod Refillable Glass pH Electrode with Calibration and Maintenance Reagents Pack

Product #:

PHC74501AP

ZAR Price:

Contact Hach



**Hazardous**

Items with this mark may be considered hazardous under some shipping conditions.

If necessary, we will change your selected shipping method to accommodate these items.

### The RedRod Sensors Now Bundled with Calibration Reagents

The RedRod sensor kit comes with calibration buffers reagents and maintenance solutions to provide an all-in-one easy to use reliable solution for your calibrations, helping you ensure accurate pH readings with your HQD pH Meter. The 500 mL bottles allows up to 6 months of pH electrode calibration when calibrating once per week, or up to 25 calibrations at a very attractive price compared if purchased separately.

#### Benefit from a significantly reduced price on calibration reagents

RedRod Sensors purchased as a kit together with reagents offer a 75% discount on reagents compared if purchased separately.

#### Reliable calibrations for optimum sensor performance

Bundle includes NIST traceable colour-coded pH 4.01, pH 7.00 and pH 10.01 buffer solutions and electrode cleaning solution for regular maintenance and pH electrode storage solution.

#### RedRod technology provides fast, accurate and reproducible measurements

Symmetry between internal and external RedRod reference elements ensures that the iso pH is the same as the zero pH, providing highly reproducible results and a fast, accurate response, even in samples with fluctuating temperatures. RedRod technology also provides a stable signal by protecting the reference elements from light interference, and the saturated KCl salt-bridge aids in creating a stable liquid junction potential.

#### RedRod reliability when measuring challenging samples over wider temperature ranges

RedRod encapsulation of reference elements means no silver ions and less risk of clogged junctions. It also enables accurate measurements over a broader temperature range than standard electrodes.

#### Intellical digital probes can be moved between meters without the need to re-calibrate or re-enter measurement settings

Ideal for a multi-user environment with multiple HQD series laboratory and portable meters.

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### Specifications

|                   |                         |
|-------------------|-------------------------|
| Accuracy:         | ±0.01 pH                |
| Application:      | Extremely Dirty Samples |
| Cable Length:     | 1 m                     |
| Connector:        | HQD specific            |
| Electrode Type:   | Standard                |
| Filling Solution: | Saturated KCl           |
| Kit?:             | Yes                     |
| Length:           | 200 mm                  |

|                              |   |
|------------------------------|---|
| Material:                    | Sensor Body: Glass  |
| Method Type:                 | Laboratory: RedRod / Refillable Reference Element / High Flow   |
| Operating temperature range: | -10 - 100 °C  |
| Parameter:                   | pH  |
| Probe Junction :             | Sleeve  |
| Product Kit:                 | Model: PHC745   |
|                              | Accessories Included: Calibration and Maintenance Reagents Pack   |
| Range:                       | 0 - 14 pH   |
| Reference system:            | RedRod  |
| Sensor material:             | Glass   |
| Special Features:            | RedRod Technology, Clogging Media   |
| Temperature Range:           | −10 to 100 °C   |
| Test requirements:           | Parameter Needed: pH  |
|                              | Minimum Sample Depth (mm): 18   |
| Warranty:                    | 12 months   |
| Water Resistance:            | IP65  |
| What's included?:            | Intellical PHC745 Laboratory pH electrode with storage soaker bottle, 1 m cable, 59-mL bottle reference electrolyte filling solution (saturated KCl solution), calibration certificate, and basic user manual. Buffer solution kit, colour-coded, pH 4.01, pH 7.00 and pH 10.01, 500 mL (#2947600). Electrode cleaning solution for regular maintenance, 500 mL (#2965249). Filling Solution, Reference, Saturated KCl, 500 mL (#25118049). |

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## What's included?

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