



## Hanna HALO™ Wireless pH Electrodes



HALO™ is a professional pH probe with Bluetooth (4.0) smart technology. With a 10m range, HALO™ can be used outside or in the lab, in sealed fume cupboards and can be monitored from a distance. It can be used in two ways, with the free Hanna Lab app or with edge® blu pH meter. Hanna Lab app allows the user to calibrate and to have full GLP data, a continuous pH log and fluid graphing facility using the iPad pinch and zoom technology. Connects quickly by selecting the relevant probe from a drop down list.

- pH range/accuracy -2.00 to 16.00/±0.005pH
- mV range ±800mV
- Temperature range -20 to 120°C
- Calibrate with up to 5 points with seven standard buffers
- Auto temperature compensation
- Quick simple connection to iPad/edge® blu
- Glass pH electrode for general purpose use
- GLP data logging
- Fluid dynamic Graphing and Alarm feature (with Hanna Lab app)

| Code           | Alt Ref  | Description   | Price   |
|----------------|----------|---|---------|
| <b>PHE1024</b> | FC2202   | HALO™ food electrode with spear tip                 | £230.00 |
| <b>PHE1026</b> | HI-11102 | HALO™ glass, refillable electrode suitable for TRIS | £247.00 |
| <b>PHE1022</b> | HI-11312 | HALO™ glass, refillable electrode                   | £271.00 |
| <b>PHE1028</b> | HI-12302 | HALO™ plastic, gel filled pH electrode              | £226.00 |
| <b>PHE3044</b> | HI-10482 | HALO™ glass bodied pH electrode for wine            | £278.00 |
| <b>PHE3046</b> | FC2142   | HALO™ pH/temperature electrode for beer             | £224.00 |
| <b>PHE3048</b> | HI-14142 | HALO™ pH electrode for flat surface measurement     | £254.00 |
| <b>PHE3050</b> | HI-13302 | HALO™ pH electrode for vials and test tubes         | £332.00 |
| <b>PHE3052</b> | HI-12922 | HALO™ pH electrode for soil                         | £242.00 |
| <b>PHE3054</b> | HI-10832 | HALO™ pH electrode with microbulb                   | £399.00 |



## Hanna edge® Electrodes



Suitable for use with the Hanna edge® Hybrid or Hanna edge® Hybrid Multi.

| Code           | Alt Ref   | Description   | Range                               | Price   |
|----------------|-----------|---|-------------------------------------|---------|
| <b>PHE0204</b> | FC2020    | pH electrode for dairy with PVDF body and conical glass tip | pH 0 - 12                           | £230.00 |
| <b>PHE0422</b> | HI-11310  | pH electrode with glass body                                | pH 0 -13                            | £183.00 |
| <b>PHE1140</b> | HI-12300  | pH electrode with PEI body                                  | pH 0 -13                            | £134.00 |
| <b>PHE3026</b> | HI-10480  | pH electrode for wine with glass body and CPS*              | pH 0 - 12                           | £264.00 |
| <b>PHE0206</b> | FC2320    | pH electrode for meat with PVDF body                        | pH 0 - 12                           | £284.00 |
| <b>PHE3034</b> | HI-10430  | pH electrode with glass body                                | pH 0 -13                            | £244.00 |
| <b>PHE3036</b> | HI-10530  | pH electrode with glass body and conical tip                | pH 0 -13                            | £230.00 |
| <b>PHE3038</b> | FC2100    | pH electrode for dairy with glass body and conical tip      | pH 0 - 12                           | £244.00 |
| <b>PHE3040</b> | HI-11311  | pH electrode with glass body and Sensor Check™              | pH 0 -13                            | £210.00 |
| <b>PHE3042</b> | HI-12301  | pH electrode with PEI body and Sensor Check™                | pH 0 -13                            | £148.00 |
| <b>PHE1142</b> | HI-763100 | EC 4 ring platinum electrode with PEI body                  | 0 - 200mS/cm                        | £453.00 |
| <b>PHE0426</b> | HI-764080 | DO polarographic electrode with PEI body                    | 0 to 300% O <sub>2</sub> saturation | £453.00 |

\* CPS = Clogging Prevention System