



PEWA Messtechnik GmbH

Weidenweg 21  
58239 Schwerte

Telefon: +49 (0) 2304-96109- 0

Telefax: +49 (0) 2304-96109-88

eMail: [info@pewa.de](mailto:info@pewa.de)

Homepage: [www.pewa.de](http://www.pewa.de)



## Phosphate, HR

- Lab grade accuracy
- Amino acid method of measuring phosphates
- Long battery life

Phosphates are particularly important for the growth and development of plant roots, and hence are one of the most common fertilizers used in agriculture. In addition, phosphates are usually utilized in detergents and are needed, in small quantities, for heating systems. However, high concentrations of phosphates can cause environmental pollution: they are for example a primary cause of eutrophication. For these reasons, it is necessary to closely monitor the phosphate levels present in both civil and industrial waste water. In order to cater to the different needs of users in a wide array of applications, the HANNA instruments® phosphate meters have been designed to cover the following ranges: From 0.00 to 2.50 mg/L (HI 93713) From 0.0 to 30.0 mg/L (HI 93717)

HI 93717 is supplied complete with 2 cuvetts, battery and instructions.

### Available Accessories:

**HI 710009** Blue rubber boot

**HI 710010** Orange rubber boot

**HI 731318** Tissue for wiping cuvetts (4 pcs)

**HI 93703-50** Cuvet cleaning solution (230 mL)

**HI 731321** Spare measurement cuvetts (4 pcs)

**HI 731325** Cuvet cap (4 pcs)

**HI 93717-01** Reagent kit for 100 tests

**HI 93717-03** Reagent kit for 300 tests

### Specifications:

<b>Range</b>	0 to 30.0 mg/L
<b>Resolution</b>	0.1 mg/L
<b>Accuracy (@20°C/68°F)</b>	±1 mg/L ±4% reading
<b>Typical EMC Deviation</b>	±0.1 mg/L
<b>Light Source</b>	Light Emitting Diode @ 470 nm
<b>Light Life</b>	Life of the Instrument
<b>Light Detector</b>	Silicon Photocell
<b>Battery Type / Life</b>	9 Volt Battery/ Approximately 300 tests
<b>Environment</b>	32 to 122°F (0 to 50°C); RH 95%
<b>Dimensions</b>	7.1 x 3.3 x 1.8" (180 x 83 x 46 mm)
<b>Weight</b>	10oz. (290 grams)