



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)



## Chlorine Dioxide

- Chlorophenol red method
- Fast and accurate
- Long battery life

Chlorine dioxide is used principally as a disinfectant in potable water and also in various industrial processes. In potable water applications, it is gaining popularity over chlorine, considering that it does not generate trihalomethanes when reacting with organic compounds. In industrial applications, it is used as a bleaching agent in such processes as pulp and paper. HANNA instruments® HI 93738 is a portable microprocessor meter that determines the chlorine dioxide concentration in water. It is ideal for use in quick spot checks as it is easy to operate and provides great resolution and accuracy. The Emitting Diode light source lasts the life of the instrument to ensure years of trouble free operation. A rugged housing weighing under 300 grams (11 oz.), low battery warning, auto shut-off, and simple operation, make this an indispensable tool in the field. The chemical procedure has been made as simple as possible to get good measurements even in the field. Thanks to a built-in timer and advanced microprocessor you can get accurate readings in less than three minutes. With a normal 9V battery you will be able to get more than 300 measurements. The auto shut-off feature (after 10 min. of non-use) guarantees a long battery life.

HI 93738 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 93738-01 Reagent kit for 100 tests
- HI 93738-03 Reagent kit for 300 tests

### Specifications:

<b>Range</b>	0.00 to 2.00 mg/L
<b>Resolution</b>	0.01 mg/L
<b>Accuracy (@20°C/68°F)</b>	±0.1 mg/L ±5% reading
<b>Typical EMC Deviation</b>	±0.1 mg/L
<b>Light Source</b>	Light Emitting Diode @ 585 nm
<b>Light Life</b>	Life of the instrument
<b>Light Detector</b>	Silicon Photocell
<b>Battery Type / Life</b>	1 x 9V/ approximately 40 hours of continuous use
<b>Environment</b>	0 to 50°C (32 to 122°F); RH 95%
<b>Dimensions</b>	180 x 83 x 46 mm (7.1 x 3.3 x 1.8")
<b>Weight</b>	290 g (10 oz.)