

MW10/MW11

Low cost digital photometers to measure Free & Total Chlorine

Chlorine is the most commonly used water disinfectant. Applications vary from treatment of drinking water and wastewater to pool and spa sanitization and food processing to sterilization.

Milwaukee offers 2 models:

MW10 for measuring free chlorine (0.00 to 2.50 mg/L) and MW11 to measure total chlorine (0.00 to 3.50 mg/L).

Key features include:

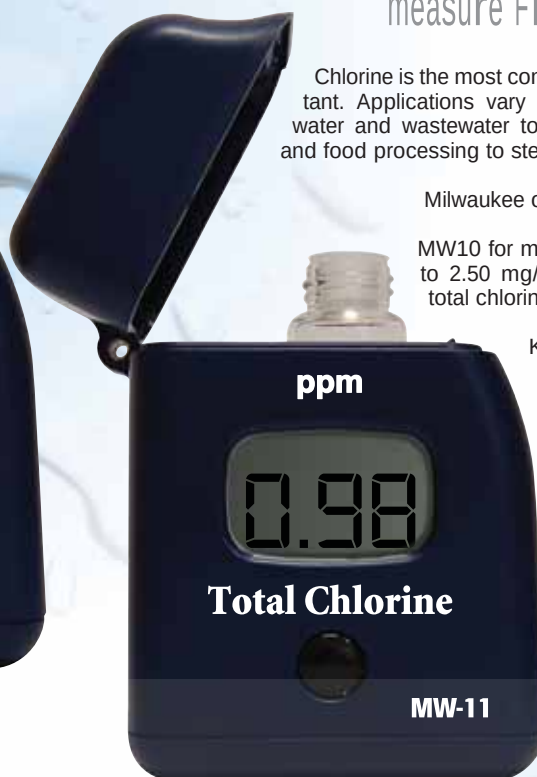
- User friendly;
- Smaller & Ergonomic case design;
- Inexpensive;
- Larger and Easier to read Display;
- Good accuracy and immediate results;

New

CE

Years
warranty
2Self
diagnostic

LED



Specifications

	 MW10 Free Chlorine	 MW11 Total Chlorine
Range	0.00 to 2.50 ppm	0.00 to 3.50 ppm
Resolution	0.01 ppm	0.01 ppm
Accuracy (@ 25 °C)	±0.03 ppm ±3% of reading	±0.03 ppm ±3% of reading
Typical EMC Dev.	±0.01 ppm	±0.01 ppm
Light Source	Light Emitting Diode @ 525 nm	Light Emitting Diode @ 525 nm
Light Detector	Silicon Photocell	Silicon Photocell
Method	Adaptation of USEPA method 330.5. The reaction between free chlorine and the DPD reagent causes a pink tint in the sample.	Adaptation of USEPA method 330.5. The reaction between free chlorine and the DPD reagent causes a pink tint in the sample.
Environment	0 to 50°C (32 to 122 °F) max. 95% RH non-condensing	0 to 50°C (32 to 122 °F) max. 95% RH non-condensing
Battery Type	1 x 1.5V AAA	1 x 1.5V AAA
Auto-Shut Off	After 2 minutes of non-use	After 2 minutes of non-use
Dimensions	81.5 x 61 x 37.5 mm (3.2 x 2.4 x 1.5")	81.5 x 61 x 37.5 mm (3.2 x 2.4 x 1.5")
Weight	64 g (2.25 oz.)	64 g (2.25 oz.)



They are supplied with 2 cuvettes, 6 reagents, a battery and instruction manual.



Accessories

- 2720116** Free Chlorine powder reagent, (25 pcs)
2720216 Total Chlorine powder reagent (25 pcs)



- Mi0011** Glass cuvettes (2 pcs)
Mi0013 Stoppers for cuvettes (2 pcs)
3000300 1.5V AAA batteries (1 pcs)

Ordering information:

All handy photometers are supplied in a carton box including 2 cuvettes, 6 powder reagents, 1 x 1.5 V AAA battery and instructions.

MW12/MW13/MW14

Low cost digital photometers to measure Phosphate,Iron & Iodine

Iron is naturally present in water supplies and therefore needs to be monitored both in potable and industrial applications. Milwaukee offers the MW14 Iron meter with a range of 0.00 to 5.00 mg/L.

Phosphates are present in natural waters and at concentrations typically found, do not pose any specific health threats to humans. However, excessive contamination of water courses from agricultural fertilizer run off or wastewater/effluent discharge can promote excessive algae or plant growth. Milwaukee offers MW12 with a range of 0.00 to 2.50 mg/L.

Iodine is used as disinfectant in various applications - one of the most common is the poultry industry waste water treatment. Milwaukee offers MW13 with a range of 0.0 to 12.5 mg/L.



Specifications	 MW12 Phosphate	 MW13 Iodine	 MW14 Iron
Range	0.00 to 2.50 ppm	0.0 to 12.5 ppm	0.00 to 5.00 ppm
Resolution	0.01 ppm	0.1 ppm	0.01 ppm
Accuracy (@ 25 °C)	±0.04 ppm ±4% of reading	±0.1 ppm ±5% of reading	±0.04 ppm ±2% of reading
Typical EMC Dev.	±0.01 ppm	±0.1 ppm	±0.01 ppm
Light Source	Light Emitting Diode @ 525 nm	Light Emitting Diode @ 525 nm	Light Emitting Diode @ 525 nm
Light Detector	Silicon Photocell	Silicon Photocell	Silicon Photocell
Method	Adaptation of the Standard Methods for the Examination of Water and Wastewater, 20th edition, Ascorbic Acid method. The reaction between phosphate and the reagent causes a blue tint in the sample.	Adaptation of the Standard Methods for the Examination of Water and Wastewater, 18th edition, DPD method. The reaction between iodine and the reagent causes a pink tint in the sample.	Adaptation of the EPA Phenantroliline method 315B, for natural and treated waters. The reaction between iron and reagent causes an orange tint in the sample.
Environment	0 to 50°C (32 to 122 °F) max. 95% RH non-condensing	0 to 50°C (32 to 122 °F) max. 95% RH non-condensing	0 to 50°C (32 to 122 °F) max. 95% RH non-condensing
Battery Type	1 x 1.5V AAA	1 x 1.5V AAA	1 x 1.5V AAA
Auto-Shut Off	After 2 minutes of non-use	After 2 minutes of non-use	After 2 minutes of non-use
Dimensions	81.5 x 61 x 37.5 mm (3.2 x 2.4 x 1.5")	81.5 x 61 x 37.5 mm (3.2 x 2.4 x 1.5")	81.5 x 61 x 37.5 mm (3.2 x 2.4 x 1.5")
Weight	64 g (2.25 oz.)	64 g (2.25 oz.)	64 g (2.25 oz.)

Accessories

- 2720115 Phosphate powder reagent, (25 pcs)
- 2720316 Iodine powder reagent (25 pcs)
- 2720416 Iron powder reagent, (25 pcs)



- Mi0011 Glass cuvettes (2 pcs)
- Mi0013 Stoppers for cuvetts (2 pcs)
- 3000300 1.5V AAA batteries (1 pcs)

Ordering information:

All handy photometers are supplied in a carton box including 2 cuvetts, 6 powder reagents, 1 x 1.5 V AAA battery and instructions.