

Mi411

Free & Total Chlorine and pH Photometer

3 in 1 Combination Photometer.

This latest laboratory grade Microprocessor photometer has an excellent repeatability and is ideal for field measurements. 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.

Martini Instruments has developed the Mi411, a portable microprocessor based instrument to measure three critical parameters to ensure good water quality: pH, free chlorine and total chlorine. This instrument provides greater resolution, better accuracy and immediate results.

Mi411 is supplied in a hard carrying case including 2 cuvettes, reagents for 100 tests, wiping tissue and instruction manual.



Specifications		Mi411 Free & Total Chlorine and pH
Range	Free Chlorine Total Chlorine pH	0.00 to 5.00 mg/L Cl ₂ 0.00 to 5.00 mg/L Cl ₂ 6.5 to 8.0 pH
Resolution	Free Chlorine Total Chlorine pH	0.01 mg/L (0.00 to 3.50 mg/L); 0.10 mg/L (above 3.50 mg/L) 0.01 mg/L (0.00 to 3.50 mg/L); 0.10 mg/L (above 3.50 mg/L) 0.1 pH
Accuracy	Free Chlorine Total Chlorine pH	±0.04 mg/L @1.50 mg/L ±0.04 mg/L @1.50 mg/L ±0.1 pH @7.2 pH
Method	Free Chlorine Total Chlorine pH	adaptation of the USEPA method 330.5 and Standard Method 4500-Cl G adaptation of the USEPA method 330.5 and Standard Method 4500-Cl G adaptation of the phenol red method
Light Source		tungsten lamp
Light Detector		silicon photocell and 525 nm narrow band interference filter
Environment		0 to 50°C / 32 to 122°F; max RH 100%
Battery Type		1 x 9V
Auto-off		after 10 minutes of non-use
Dimensions		192 x 104 x 52 mm
Weight		380 g

Hard Carrying Case

Mi411 comes complete in hard carrying case, making it ideal for field measurements.



Accessories

- Mi504-100 Free & Total Chlorine reagent set (100 tests)
- Mi509-100 pH reagent (100 tests)
- Mi511-100 Free & Total Chlorine and pH reagent set (100 tests)



- Mi0001 Glass cuvettes (2 pcs)
- Mi0002 Caps for cuvettes (2 pcs)
- Mi0003 Stoppers for cuvettes (2 pcs)
- Mi0004 Tissue for wiping cuvettes (4 pcs)
- Mi0005 9V battery (1 pc)

Ordering Information

Mi411 is supplied complete with 2 cuvettes, liquid reagents for 100 tests, hard carrying case, wiping tissue, 9V battery and instructions.