

# Mi411

## Free & Total Chlorine and pH 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.

### 3 in 1 Combination Photometer!



Specifications		Mi411 Free & Total Chlorine and pH
Range	Free Chlorine Total Chlorine pH	0.00 to 5.00 mg/L Cl <sub>2</sub> 0.00 to 5.00 mg/L Cl <sub>2</sub> 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)

**Mi524-100** Total Chlorine powder reagents (100 tests)

**Mi526-100** Free Chlorine powder reagents (100 tests)



**Mi0001** Glass cuvettes (2 pcs)  
**Mi0002** Caps for cuvettes (2 pcs)  
**Mi0003** Stoppers for cuvettes (2 pcs)  
**Mi0005** 9V battery (1 pc)

#### Ordering Information

Mi411 is supplied complete with 2 cuvettes, Mi511-100 liquid reagents for 100 tests, hard carrying case, wiping tissue, 9V battery and instructions.

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