

MI411 PRO

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.

The **MI411 PRO** is 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 PRO is supplied in a hard carrying case including 2 cuvettes, reagents for 100 tests, wiping tissue and instruction manual.

**3 in 1 Combination
Photometer!**



Hard Carrying Case

MI411 PRO comes complete in hard carrying case making it ideal for field measurements.

Specifications	MI411 PRO
Range	Free Chlorine 0.00 to 5.00 mg/L Cl ₂ Total Chlorine 0.00 to 5.00 mg/L Cl ₂ pH 6.5 to 8.0 pH
Resolution	Free Chlorine 0.01 mg/L (0.00 to 3.50 mg/L); 0.10 mg/L (above 3.50 mg/L) Total Chlorine 0.01 mg/L (0.00 to 3.50 mg/L); 0.10 mg/L (above 3.50 mg/L) pH 0.1 pH
Accuracy	Free Chlorine ±0.06 mg/L @ 1.50 mg/L Total Chlorine ±0.06 mg/L @ 1.50 mg/L pH ±0.1 pH @ 7.2 pH
Method	Free Chlorine adaptation of the USEPA method 330.5 and Standard Method 4500-Cl ₂ G Total Chlorine adaptation of the USEPA method 330.5 and Standard Method 4500-Cl ₂ G pH 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
Packaging dimensions	305 x 280 x 115 mm
Packaging weight	1.26 kg



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)



Ordering Information

MI411 PRO is supplied complete with 2 cuvettes, Mi511-100 liquid reagents for 100 tests, hard carrying case, wiping tissue, 9V battery and instructions.