

CHLORINE

CHLORMETER visual – DPD Method

The Chlorine and their compounds are very used for the disinfection
The measure of the residual chlorine is essential



The level of Chlorine can be expressed in terms of Free Chlorine, Combined or Total. The residual Free Chlorine is the most important. The Chlorimeter measure the Free Chlorine, Combined or Total in a range of 0 to 2.0mg / l of Cl

Method

The test uses the method DPD internationally accepted as the standard method for the determination of Chlorine. In this method the reagents are presented in solution to facilitate their use

The Free Chlorine reacts with diethylparaphenyldiamine (DPD) to produce a pink coloration. The intensity of the colour is proportional to the concentration of Free Chlorine. Next the addition of Potassium Iodide induces an additional reaction with any present Chlorine compound. The intensity of the colour is proportional to the concentration of Total Chlorine; the increment of the colour represents the concentration of Combined Chlorine. The concentration of Chlorine is known as Combined by the difference among Total Chlorine and Free Chlorine. The colour intensity is measured by means of the Taylor comparator with the following scales 0.1 – 0.2 – 0.4 – 0.7 – 1.0 – 1.2 –1.5 and 2.0ppm provided of the real standard solutions in each scale. It includes reagents for 110 tests

Code	Articles
8.0012.00	Comparator Chlorine DPD kit
8.0012.01	Reagent DPD 1, replacement
8.0012.02	Reagent DPD 2, replacement
8.0012.03	Reagent DPD 3, replacement

CHLORINE, strips for Chlorine test

Control of Chlorine of high levels, for disinfection of utensils or foods like vegetables, salads or fruit, and others.

Submerging a strip one second in the liquid an indicative colour of concentration of Chlorine is obtained in ppm.
Scales: 10, 50, 100 and 200ppm Cl



Strips for Chlorine test, 200u. Code 8.0012.09

CHLORINE, photometric.

DPD Method, photometric
Auto-zero
LCD Display 128x64 pixels, backlight
Determines Chlorine, Cyanuric Acid and pH
Stable and repetitive reagents tablets.
Memory capacity: 10 last results
Ranges: Free and total Chlorine: 0.01-5.0ppm
Cyanuric acid: 2 - 200ppm
pH: 6.5 - 8.4
IP67 Protection. Size: 150 x 65 x 42mm.
Weight: 200g. Power: 2 x 1.5V AA batteries



Code	Articles
4.0110.00*	Chlormeter, suitcase, cuvettes and reagents for 50 test each
4.0110.02*	Reagents for Free Chlorine DPD, 50 test
4.0110.05*	Reagents for Total Chlorine DPD, 50 test
4.0110.08*	Reagents for Cyanuric Acid, 50 test
4.0110.11*	Reagent pH, 50 test
	Available packs of 250 tests

Distributor: