

CHEMICAL ANALYSIS PHOTOMETER REAGENTS

Reagents for use with 7100 Photometer

Test	Range mg/l	250/200* Test Packs
Alkalinity, total (Alkaphot)	0 – 500	Wag-WE10100
Alkalinity M (Alkaphot M)	0 – 500	Wag-WE10102
Alkalinity P (Alkaphot P)	0 – 500	Wag-WE10104
Aluminium	0 – 0.5	Wag-WE10106
Ammonia	0 – 1.0 (N)	Wag-WE10108
* Boron	0 – 2.5	Wag-WE10110
Bromine	0 – 6.0	Wag-WE10112
Calcium Hardness (Calcicol)	0 – 0.5 (N)	Wag-WE10114
Chloride	0 – 5.0	Wag-WE10115
Chlorine DPD 1	0 – 5.0	Wag-WE10116
Chlorine DPD 2 (Free, Mono & Di chloroamine)	0 – 5.0	Wag-WE10118
Chlorine DPD 3 (Free, Combined & Total)	0 – 5.0	Wag-WE10120
Chlorine DPD 4	0 – 5.0	Wag-WE10121
Chlorine HR	0 – 250	Wag-WE10122
Copper (Coppercol)	0 – 5.0	Wag-WE10124
Cyanuric Acid	0 – 200	Wag-WE10126
* Fluoride	0 – 1.5	Wag-WE10128
Hardness (Hardicol)	0 – 500	Wag-WE10130
Hydrogen Peroxide LR	0 – 2.0	Wag-WE10132
Hydrogen Peroxide HR	0 – 100	Wag-WE10134
Iron LR	0 – 1.0	Wag-WE10136
Iron HR	0 – 10	Wag-WE10138
Magnesium (Magnecol)	0 – 100	Wag-WE10140
Manganese	0 – 0.03	Wag-WE10142
Molybdate LR	0 – 15	Wag-WE10144
* Molybdate HR	0 – 100	Wag-WE10146
Nitrate (Nitratetest)	0 – 20 (N)	Wag-WE10148
Nitrite (Nitricol)	0 – 0.5 (N)	Wag-WE10150
Nitrite (Nitriphot)	0 – 1500	Wag-WE10152
Organophosphate	0 – 20	Wag-WE10154
Ozone	0 – 2.0	Wag-WE10156
* pH (Phenol Red)	6.8 – 8.4	Wag-WE10158
Phenol	0 – 5.0	Wag-WE10159
Phosphate LR	0 – 4.0	Wag-WE10160
Phosphate HR	0 – 100	Wag-WE10162
* Potassium	0 – 12	Wag-WE10164
Silica	0 – 4.0	Wag-WE10166
* Sulphate	0 – 200	Wag-WE10168
Sulphide	0 – 0.5	Wag-WE10170
Sulphite (Sulphitest)	0 – 500	Wag-WE10172
Zinc	0 – 4.0	Wag-WE10174

The Potalab Photometer 7100 offers a precise modern means of water analysis using an advanced solid-state digital readout colorimeter. The New Photometer 7100 is fully integrated with the Wagtech system of water analysis. It offers a great value instrumental analysis for an extensive range of water tests.

The photometer 7100 accurately assesses the colour formed in the test sample and displays the readings directly in concentration units on its large LCD screen - no more inaccurate results due to variation in operator eyesight or lighting conditions.



Wag-WE10441 - Portable Photometer

Specifications

Instrument Type	Direct reading colorimeter with automatic set up
Operating wavelengths	450nm 500nm 550nm 575nm 600nm 650nm
Display	Large Backlit graphic LCD screen
Accuracy	+/- 0.5% at 4% transmittance +/- 0.005 at 0.3au
Resolution	0.001au
User Selectable Options	Display language (French, German, Spanish, English, Italian) Test units
Test Cells	Automatic adjustment for round test tubes from 12-20mm diameter
Power	Battery power (3 x AA)
Size and Weight	W 146mm D 275mm H 75mm 975g
Instrument rating	Waterproof (IP67)