



Reagent and Dispenser
15F858



SMART Reagent
System
4EWA3



Reagents for Water Quality Testing

• For use with colorimeters

Description	For Use With	Brand	Item No.
Chlorine Testing, (250 Tests) Dispenser with Reagent Vial			
PD250 Dispenser, Free Chlorine	Colorimeter, Photometers	Lovibond	15F858
PD250 Dispenser, Total Chlorine	Colorimeter, Photometers	Lovibond	15F861
Chlorine Testing, DPD Indicator Powder, Free Chlorine Indicator Solution and Free Chlorine Buffer Solution			
Free Chlorine Reagent Set CL17 Analyzer	Colorimeter, Photometers	Lovibond	15F863
Chlorine Testing, Reagent			
DPD Free CL2 Reagent PP, 25 ml	Colorimeter, Photometers	Lovibond	15F879
DPD Free CL2 Reagent PP, 5 ml	Colorimeter, Photometers	Lovibond	15F876
DPD Total CL2 Reagent PP, 25 ml	Colorimeter, Photometers	Lovibond	15F882
DPD Total CL2 Reagent PP, 5 ml	Colorimeter, Photometers	Lovibond	15F874
Powder Packs, Reagent			
Iron TPTZ Reagent PP, 10 ml	Colorimeter, Photometers	Lovibond	15F886
Molybdenum 1 LR Reagent, 20 ml	Colorimeter, Photometers	Lovibond	15F897
Sulfamic Acid PP	Colorimeter, Photometers	Lovibond	15F925
Sulfate 4 Reagent PP, 25 ml	Colorimeter, Photometers	Lovibond	15F921
Reagent Sets			
Ammonia HR Reagent Set	Colorimeter, Photometers	Lovibond	15F960
Ammonia LR Reagent Set	Colorimeter, Photometers	Lovibond	15F959
Iron (II,III) Soluble Reagent Set	Colorimeter, Photometers	Lovibond	15F949
LR Molybdate Reagent Set	Colorimeter, Photometers	Lovibond	15F951
Molybdate HR PP Reagent Set, 10 ml	Colorimeter, Photometers	Lovibond	15F948
Phosphonate Reagent Set	Colorimeter, Photometers	Lovibond	15F946
Silica LR Reagent Set, 10 ml	Colorimeter, Photometers	Lovibond	15F961
Total Phosphate Reagent Set	Colorimeter, Photometers	Lovibond	15F945
SMART Reagent System			
Chlorine/Bromine/Iodine	1910 Multi-test Colorimeter	LaMotte	4EWA3
Copper	6CAT1 (or 1910) SMART 3 Colorimeter	LaMotte	4EWA4
Nitrate Nitrogen (Low Range)	1910 Multi-test Colorimeter	LaMotte	4EWA7
Nitrite Nitrogen (Low Range)	6CAT1 (or 1910) SMART 3 Colorimeter	LaMotte	4EWA8
pH	1910 Multi-test Colorimeter	LaMotte	4EWC5
Phosphate (Low Range)	6CAT1 (or 1910) SMART 3 Colorimeter	LaMotte	4EWA9
Sulfide (Low Range)	SMART 3 Colorimeter	LaMotte	4EWC1



Colorimeters

Include sample cells, reagents, and batteries. For cuvettes, go to Grainger.com.

Note: Copper Colorimeter 15F844 and IR interface module 15F849 are available on Grainger.com.

Lovibond Single Parameter—Improve resolution for a specified range, account for known interferences, and calibrate to any government standard such as NIST or ISO. Accuracy: ±2% full scale. Memory: 16 data sets.

LaMotte Multiparameter—Allows 25 users tests with over 75 preprogrammed tests, including absorbance and %T modes. Memory: 500 data sets.

Lovibond Multiparameter—Offers more than 90 preprogrammed methods from alkalinity through zinc, and an additional 20 methods can be user-defined. Memory: 1000 data sets.

Type	Range	Brand	Mr. Model	Item No.	REAGENT* REFILLS
Manganese	0.01 to 0.7 mg/L (Powder Reagents)	Lovibond	276105	15F834	3VXU7
Phosphate	0.06 to 2.5 mg/L (Powder Reagents)	Lovibond	276045	15F840	3VXU4
Silica	1 to 90 mg/L (Powder Reagents)	Lovibond	276116	15F845	3VXW1
Chlorine	0.02 to 2.00 and 0.1 to 8.0 mg/L (Powder, Tablet Reagents)	Lovibond	276025	15F829	3VXT4, 15F878, 3VXT7, 15F881
	0.02 to 2.00 pH and 0.1 to 8.0 mg/L (Powder Reagents)	Lovibond	276010	15F828	3VXT4, 3VXT7
Multi-Parameter	0 to 4 ppm	LaMotte	1910	6CAT1	4EWA3
	—	Lovibond	214020	3YRT2	3YEK4

* Reagent refills available on Grainger.com.



Turbidity Meters

Testers determine cloudiness of water; for drinking water, wastewater, and environmental applications.

Note: Calibration solutions available on Grainger.com.

490W91 and 490W92—LCD display and 500-point memory. Lithium-ion rechargeable battery.

61UG83—Infrared light source and 5-point calibration. Includes normal and continuous measurement modes.

25KC71—2-point calibration with LCD display. Auto power off.



61UG83

Description	Turbidity Range	Turbidity Resolution	Brand	Mr. Model	Item No.
Waterproof Turbidity Meter, EPA	0 to 2000 NTU	0.01, 0.1, 1.0 NTU	LaMotte	1974-T	490W91
Waterproof Turbidity Meter, ISO	0 to 2000 NTU	0.01, 0.1, 1.0 NTU	LaMotte	1974-I	490W92
Waterproof Turbidity Meter	0 to 1000 NTU	0.01 NTU, 0.1 NTU, 1 NTU	Oakton	35635-15	61UG83
Turbidity Meter	0 to 50.00, 50 to 1000 NTU	0.01 NTU	Extech	TB400	25KC71

Water Quality Test Kits

Provide quick analysis of various water quality parameters. Additional refills are available on Grainger.com.



Chlorine
4EVX5

Dissolved Oxygen
4EYV6

Parameter	Range	Test System	No. of Tests	Mr. Model	KITS Item No.	REAGENT REFILLS Item No.
Alkalinity	4 to 200 ppm	Titrimetric	50	4491-DR-01	4EV3	4EWE6
Caustic	1 Drop 0.1% or 1% NaOH	Titrimetric	50	7181-01	4EV7	—
Chlorine	0.2 to 3.0 ppm	Colorimetric	50	3308-01	4EVX5	4EWC9
Chlorine	0 to 200 ppm	—	—	R-4497	—	4EWE7
Chlorine Bleach	0.2 to 10%	Titrimetric	50	7105-03	4EWD2	4EWE9
Total Coliform	Presence/Absence	—	1	4-3616	3UVC9	—
Copper	0.05 to 1.0 ppm	Colorimetric	50	3619	4EY2	4EWE1
Dissolved Oxygen	0.2 to 10 ppm	Titrimetric	50	5860-01	4EY6	4EWE8
Hardness, Total	4 to 200 ppm	Titrimetric	50	4482-LI-02	4EWC8	4EWE5
Hardness - Total and Calcium	4 to 200 ppm	—	50	4824-DR-LT-01	3VER1	32WC34
Iron	0.5 to 10.0 ppm	Colorimetric	50	4447-01	4EVX7	4EWD6
Nitrate-Nitrogen	1 to 15 ppm	Colorimetric	50	3354-01	4EVX9	4EWD9
pH	3.0 to 10.5	Colorimetric	100	5858-01	4EY5	4EY21
Phosphate	1.0 to 10 ppm or 10 to 100 ppm	Colorimetric	50	4408-01	4EWA2	4EWD7
Pool Management	Acid Demand Calculator, Free and Total Chlorine 0.2 to 3.0 ppm, pH 6.8 to 8.2, Total Alkalinity and Ca Hardness 60 to 400 ppm	Colorimetric and Titrimetric	20	Alkalinity and Ca Hardness, 50 Chlorine	3368-01	4EYV1
QAC	10 to 500 ppm	Titrimetric	50	3043-DR-01	4EWA1	4EWD4
Sulfide	0.2 to 20 ppm	Colorimetric	50	4456-01	4EVX8	4EWD8