



COLORÍMETRO SMART2 MULTIPARÁMETRO

(Cod. 1919-EX2) **QW005**

Supercompacto.
Operación guiada por menú.
Capacidad para mas de 80 tests
Autodiagnóstico con mensajes de error y prevención.
Almacenamiento de resultados en el campo.
Autocero y autoapagado.

REACTIVOS PARA EL ANÁLISIS DE AGUAS
vea la **tabla**

SMART2 (230V/50Hz) • Code 1919-EX2
Viene con 4 tubos de la muestra,
adaptador AC y manual



Sistemas de Reactivos COD PLUS

Especificaciones:	
Filtros	430nm, 520nm, 570nm, 620nm seleccionados automáticamente
Detector:	Fotodiodo de silicio
Display:	122x32 LCD, 16 caracteres x 4 líneas
Rango:	-2 a 2 Unidades de Absorbancia (AU)
Resolución:	1% de la lectura de %T
Precisión:	2% de la lectura
Marca CE:	SI
Sistema de muestreo:	Tubos redondos de 25 mm, cubetas cuadradas de 10 mm, tubos COD de 16mm
Alimentación:	pila de 9V o adaptador AC
Vida de la Batería:	500 tests
Salida	RS-232
Calibración:	De fabrica
Teclado:	6 botones
Tamaño:	15 x 8 x 5.5 cm
Peso:	330 g

COD PLUS COLORIMETERS

COD PLUS (230V/50Hz) • Code 1922-EX2 **QW006**
Viene con adaptador COD, 4 tubos de muestra,
adaptador AC y manual



Especificaciones:	
Filtros	430nm y 620nm
Detector:	Fotodiodo de silicio
Display:	122x32 LCD, 16 caracteres x 4 líneas
Rango:	0-125%T
Resolución:	1% de la lectura de %T
Precisión:	2% de la lectura
Marca CE:	SI
Sistema de muestreo:	Tubos redondos de 25 mm, cubetas cuadradas de 10 mm, tubos COD de 16mm
Alimentación:	pila de 9V o adaptador AC
Vida de la Batería:	500 tests
Salida	RS-232
Calibración:	De fabrica
Teclado:	6 botones
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Parámetro	Rango ppm	# de Tests	Código
Aluminio	0-0.3	50	3641-SC
Nitrógeno amoniacal	0-0.1	25	3659-SC
Nitrógeno amoniacal	0-0.3	50	3642-SC
Bromo	0-10	100	3643-SC
Cloro	0-4.0	100	3643-SC
Yodo	0-16	100	3643-SC
Dióxido de Cloro	0-7.0	50	3644-SC
Cromo, Hexavalente	0-1.0	100	3645-SC
Cromo, Total, Hexa y Trivalente	0-1.0	100	3698-SC
DQO, baja concentración	5-150	50	5-3684-SC
DQO, Standard	20-900	50	5-3685-SC
Cobre	0-5.0	100	3646-SC
Cobre	0-3.0	50	3640-SC
Cianuro	0-0.5	50	3660-SC
Acido Cianúrico	5-200	50	3661-SC
Fluoruros	0-2.0	50	3647-SC
Hidracina	0-1.0	50	3646-SC
Peróxido de hidrógeno	0-1.5	100	3662-SC
Hierro	0-5.0	50	3648-SC
Hierro	0-6.0	50	3668-SC
Manganeso (baja concentrac.)	0-0.9	50	3658-SC
Manganeso (alta concentrac.)	0-10.0	50	3669-SC
Molibdeno	0-30	50	3669-01-SC
Níquel	0-10.0	50	3663-SC
Nitrato	0-100	50	3689-SC
Nitrato Nitrógeno	0-3.0	20	3649-SC
Nitrito Nitrógeno	0-0.7	20	3650-SC
Oxígeno Disuelto	0-12.5	200	3688-SC
Ozono	0-0.4	100	3651-SC
pH	5.0-9.6	100	3700-SC
Fenoles	0-6.0	50	3652-SC
Fosfatos (alta concentrac.)	0-80.0	50	3655-SC
Fosfatos (baja concentrac.)	0-3.0	50	3653-SC
Potasio	1.0-10.0	100	3639-SC
Silica (baja concentración)	0-4.0	100	3664-SC
Silica (alta concentración)	0-75	50	3687-SC
Sulfato	0-100	100	3665-SC
Sulfuro	0-3.0	50	3654-SC
Tanino	0-10	50	3666-SC
Turbidez	0-400	Sin Límite	-----
Zinc	0-3	50	3667-SC



Sistemas de Reactivos SMART2

Test Factor	Test Method (# of reagent s)	Range ppm	# of Tests	Case Size*	Order Code
Alkalinity UDV†	UDV (1)	0-200	50	E	4318-H
Aluminum	Eriochrome Cyanine R (4)	0.00-0.30	50	C	3641-SC
Ammonia Nitrogen-LR (Fresh Water)	Salicylate (3)	0.00-1.00	25	A	3659-01-SC
Ammonia Nitrogen-LR (Salt Water)	Salicylate (3)	0.00-1.00	25	A	3659-01-SC
Ammonia Nitrogen HR	Nesslerization (2)	0.00-4.00	50	A	3642-SC
Benzotriazole	UV Oxidation/Dichromate	0.00-30.00	50	C	4047
Biuranide	Colorimetric	0.00-70.00	50	A	4044
Boron	Azomethine-H (2)	0.00-0.80	50	D	4868
Bromine LR	DPD Tablets (3)	0.00-9.00	100	A	3643-SC
Bromine UDV†	Unit Dose Vial (1)	0.00-22.00	50	E	4311-H
Cadmium	PAN (4)	0.00-1.00	50	E	4017
Carbohydrazide	Iron Reduction (3)	0.000-0.900	100	E	4857
Chloride TesTab	Argentometric (1)	0.0-30.0	50	A	3693-SC
Chlorine	DPD Tablets (3)	0.00-4.00	100	A	3643-SC
Chlorine Free UDV†	DPD (1)	0.00-10.00	50	E	4311-H
Chlorine Liquid DPD	DPD (3)	0.00-4.00	144	A	4859
Chlorine Total UDV†	DPD (1)	0.00-10.00	50	E	4312-H
Chlorine Dioxide	DPD tablet/Glycine (2)	0.00-7.00	50	A	3644-SC
Chromium Hexavalent	Diphenylcarbohydrazide (1)	0.00-1.00	100	A	3645-SC
Chromium TesTab	Diphenylcarbohydrazide (1)	0.00-1.00	50	A	3697-SC
Chromium (Total, Hex & Trivalent)	Diphenylcarbohydrazide (5)	0.00-1.00	100	D	3698-SC
Cobalt	PAN (3)	0.00-2.00	50	D	4851
COD LR 0-150 with Mercury‡	Digestion (1)	5-150	25	D	0075-SC
COD LR 0-150 without Mercury‡	Digestion (1)	5-150	25	D	0072-SC
COD SR 0-1500 with Mercury‡	Digestion (1)	0-1500	25	D	0076-SC
COD SR 0-1500 without Mercury‡	Digestion (1)	0-1500	25	D	0073-SC
COD HR 0-15,000 with Mercury‡	Digestion (1)	0-15,000	25	D	0077-SC
COD HR 0-15,000 without Mercury‡	Digestion (1)	0-15,000	25	D	0074-SC
Color	Platinum Cobalt (0)	0-1000	¥	—	NA
Copper BCA - LR	Bicinchoninic Acid (1)	0.00-3.50	50	A	3640-SC
Copper Cuprizone	Cuprizone (2)	0.00-2.00	50	A	4023
Copper DDC	Diethyldithiocarbamate (1)	0.00-6.00	100	A	3646-SC
Copper UDV†	UDV, Bicinchoninic acid (1)	0.00-4.00	50	E	4314-H
Cyanide	Pyridine-Barbituric Acid (5)	0.00-0.50	50	C	3660-SC
Cyanuric Acid	Melamine (1)	5-200	100	C	3661-SC
Cyanuric Acid UDV†	Melamine, UDV (1)	5-150	50	E	4313-H
DEHA	Iron Reduction (3)	0.000-0.700	100	A	4857
Dissolved Oxygen (DO)	Winkler Colorimetric (3)	0.0-12.0	100	A	3688-SC
Erythorbic Acid	Iron Reduction (3)	0.00-3.00	100	A	4857
Fluoride	SPADNS (2)	0.00-2.00	50	B	3647-01-SC
Hardness (total) UDV	UDV	10-400	50	E	4309-H
Hydrazine	p-dimethylaminobenzaldehyde (2)	0.00-0.75	25	A	3656-SC
Hydrogen Peroxide LR	DPD Tablets (2)	0.00-1.50	100	A	3662-SC
Hydrogen Peroxide HR	DPD	0.00-60.00	100	B	4045
Hydrogen Peroxide Shock	DPD	0.00-225.00	100	B	4045
Hydroquinone	Iron Reduction (3)	0.00-1.80	100	A	4857
Iodine	DPD Tablets (2)	0.00-14.00	100	A	3643-SC
Iron	Bipyridyl (2)	0.00-6.00	50	A	3648-SC
Iron UDV†	Bipyridyl UDV (1)	0.00-10.00	50	E	4315-H
Iron	1,10 Phenanthroline (2)	0.00-5.00	50	A	3668-SC
Lead	PAR (5)	0.00-5.00	50	D	4031
Manganese LR	PAN (3)	0.00-0.70	50	B	3658-01-SC
Manganese HR	Periodate (2)	0.0-15.0	50	A	3669-SC
Mercury	TMK (3)	0.00-1.50	50	D	4861
Methylethylketoxime	Iron Reduction (3)	0.00-3.00	100	A	4857
Molybdenum HR	Thioglycolate (3)	0.0-15.0	50	B	3699-02-SC
Nickel	Dimethylglyoxime (6)	0.00-8.00	50	D	3663-SC
Nitrate Nitrogen LR	Cadmium Reduction (2)	0.00-3.00	20	A	3649-SC
Nitrate TesTab	Zinc Reduction (1)	0.0-60.0	50	A	3689-SC
Nitrite Nitrogen LR	Diazotization (2)	0.00-0.80	20	A	3650-SC
Nitrite TesTab	Diazotization (1)	0.00-1.25	50	A	3886-SC
Nitrogen, Total‡	Chromotropic Acid and Persulfate Digestion	0.00-25.00	25	D	4026
Ozone LR	Indigo Trisulfonate (3)	0.00-0.40	100	D	3651-SC
Ozone HR	Indigo Trisulfonate (3)	0.00-2.50	20	D	3651-SC
pH CPR (Chlorphenol Red)	Colorimetric (3)	5.0-7.0	100	B	3700-SC
pH PR (Phenol Red)	Colorimetric (3)	6.6-8.4	100	B	3700-SC
pH TB (Thymol Blue)	Colorimetric (3)	8.0-9.6	100	B	3700-SC
Phenol	4-Aminoantipyridine (3)	0.00-6.00	50	B	3652-SC
Phosphate LR	Ascorbic Acid Reduction (2)	0.00-3.00	50	A	3653-SC
Phosphate HR	Vanadomolybdophosphoric Acid (1)	0.00-70.0	50	A	3655-SC
Phosphorus, Total LR‡	Ascorbic Acid and Persulfate Digestion	0.00-3.00	25	D	4024
Phosphorus, Total HR‡	Molybdoranadate and Persulfate Digestion	0.00-100.00	25	D	4025
Potassium	Tetraphenylboron (2)	0.0-10.0	100	A	3639-SC
Silica LR	Heteropoly Blue (4)	0.00-2.50	50	A	3664-SC
Silica HR	Silicomolybdate (3)	0-50	50	A	3687-SC
Sulfate	Barium Chloride (1)	5.00-100.00	50	A	3665-SC
Sulfide LR	Methylene Blue (3)	0.00-1.00	50	B	3654-01-SC
Surfactants	Bromphenol Blue (3)	0.00-8.00	50	D	4876
Tannin	Tungstomolybdophosphoric Acid (2)	0.00-10.00	50	B	3666-SC
Tolytrazole	UV Oxidation/Dichromate	0.00-30.00	50	C	4047
Turbidity	Absorptimetric (0)	0-400	¥	—	NA
Zinc LR	Zincon (6)	0.00-3.00	50	D	3667-SC



†Requires UDV Adaptor Code Number 5-0086 and Accessory Package 1961 or 1962.

‡Requires COD Adaptor Code Number 5-0087 and Heater Block.

***Case Type:**

- A: 7 x 7 x 10 cm
- B: 14.5 x 6.5 x 13 cm
- C: 14.5 x 9.5 x 13.5 cm
- D: Stand-alone cases. Will not fit into optional field carrying cases.
- E: 13 x 7 x 12.5 cm