



## SPECTRODIRECT

### Espectrofotómetro SPECTRODIRECT

- Métodos pre-programados.
- Rango de longitud de onda : 330nm a 900 nm.
- Memoria para 14 métodos de usuario.
- Adaptador de celdas multifuncional: viales redondos de 16 y 24 mm y celdas rectangulares de 10 a 50 mm.
- Interface RS232 Bidireccional.
- Update de nuevos métodos vía internet.
- Memoria para 760 paquetes de datos.
- Foco de luz: Lámpara halógena de Tungsteno con función Flash.



Parameter	$\lambda^1$ [nm]	Display	Range	Vial	Reagent Description	Reagent form/Quantity
Alkalinity-m	615	CaCO <sub>3</sub>	5 - 200 mg/l	24 mm Ø	ALKA-M-PHOTOMETER	Tablet / 100
Alkalinity-p	551	CaCO <sub>3</sub>	5 - 300 mg/l	24 mm Ø	ALKA-P-PHOTOMETER	Tablet / 100
Ammonia	676	N	0.02 - 1 mg/l	24 mm Ø	AMMONIA No.1 AMMONIA No.2	Tablet / 100 Tablet / 100
Bromine	510	Br	0.05 - 1 mg/l	50 mm □	DPD No.1	Tablet / 100
			0.1 - 3 mg/l	10 mm □	DPD No.1 HIGH CALCIUM	Tablet / 100
			0.1 - 6.5 mg/l	24 mm Ø		
Bromine	510	Br	0.1 - 4.5 mg/l	24 mm Ø	DPD 1 Buffer Solution DPD 1 Reagent Solution	Liquid Reagent / 15 ml Liquid Reagent / 15 ml
Chloride	455	Cl <sup>-</sup>	5 - 60 mg/l	24 mm Ø	Chlorid-51, Chlorid-52	Liquid Reagent / 100 Tests
Chlorine <sup>2)</sup>	510	Cl	0.02 - 0.5 mg/l	50 mm □	DPD No.1	Tablet / 100
			0.05 - 1.5 mg/l	10 mm □	DPD No.1 HIGH CALCIUM	Tablet / 100
			0.05 - 3 mg/l	24 mm Ø	DPD No.3	Tablet / 100
Chlorine <sup>2)</sup>	510	Cl	0.05 - 2 mg/l	24 mm Ø	DPD 1 Buffer Solution	Liquid Reagent / 15 ml
					DPD 1 Reagent Solution	Liquid Reagent / 15 ml
					DPD 3 Solution	Liquid Reagent / 15 ml
Chlorine HR	470	Cl	5 - 200 mg/l	16 mm Ø	CHLORINE HR (KI) ACIDIFYING GP	Tablet / 100 Tablet / 100
Chlorine dioxide	510	ClO <sub>2</sub>	0.04 - 1 mg/l	50 mm □	DPD No.1	Tablet / 100
			0.5 - 2.5 mg/l	24 mm Ø	DPD No.1 HIGH CALCIUM	Tablet / 100
Chlorine dioxide	510	ClO <sub>2</sub>	0.5 - 2.5 mg/l	24 mm Ø	DPD 1 Buffer Solution DPD 1 Reagent Solution	Liquid Reagent / 15 ml Liquid Reagent / 15 ml
Chromium	542	Cr	0.005 - 0.5 mg/l	50 mm □	PERSULFRTG FOR CR	Powder / 100
			0.02 - 2 mg/l	16 mm Ø	Chromium Hexavalent	Powder / 100
Coloration (spectral absorption coefficient)	436 525 620		0 - 50 m <sup>-1</sup>	50 mm □		
Copper <sup>2)</sup>	559	Cu	0.05 - 1 mg/l	50 mm □	COPPER No.1	Tablet / 100
			0.5 - 5 mg/l	24 mm Ø	COPPER No.2	Tablet / 100
Cyanide	585	CN	0.005 - 0.2 mg/l 0.02 - 0.5 mg/l	50 mm □ 24 mm Ø	Cyanid-11/12/13	Reagent test / 130 tests
DEHA	562	DEHA	0.02 - 0.5 mg/l	24 mm Ø	DEHA-Solution DEHA	Liquid Reagent / 100 ml Tablet / 100
Fluoride-Standard (for calibration)	480	F <sup>-</sup>	0.05 - 1.5 mg/l	24 mm Ø	SPADNS <sup>3)</sup>	Liquid Reagent / 250 ml Liquid Reagent / 30 ml
Hardness Total	571	CaCO <sub>3</sub>	2 - 50 mg/l	24 mm Ø	HARDCHECK P	Tablet / 100
Hazen (APHA; Pt-Co-scale)	455	Pt-CO units	0 - 500 mg/l	50 mm □		
Hydrogen peroxide	510	H <sub>2</sub> O <sub>2</sub>	0.01 - 0.5 mg/l 0.5 - 1.5 mg/l	50 mm □ 24 mm Ø	HYDROGENPEROXIDE LR	Tablet / 100
Iron (II, III)	562	Fe	0.01 - 0.5 mg/l	50 mm □	IRON LR	Tablet / 100
			0.1 - 1 mg/l	10 mm □	IRON (II) LR	Tablet / 100
			0.1 - 1 mg/l	24 mm Ø		
Manganese	450	Mn	0.05 - 4 mg/l	24 mm Ø	MANGANESE LR 1	Tablet / 100
					MANGANESE LR 2	Tablet / 100
Molybdate	366	MoO <sub>4</sub>	0.5 - 30 mg/l	24 mm Ø	MOLYBDATE HR No.1	Tablet / 100
					MOLYBDATE HR No.2	Tablet / 100
Nickel	443	Ni	0.02 - 1 mg/l 0.2 - 7 mg/l	50 mm □ 24 mm Ø	Nickel-51, Nickel-52	Powder, Liquid Reagent / 50 tests
Nitrite	545	N	0.01 - 0.5 mg/l	24 mm Ø	NITRITE LR	Tablet / 100
Ozone	510	O <sub>3</sub>	0.02 - 0.5 mg/l 0.1 - 1 mg/l	50 mm □ 24 mm Ø	DPD No.1	Tablet / 100
					DPD No.1 HIGH CALCIUM	Tablet / 100
					DPD No.3	Tablet / 100
					DPD GLYCINE	Tablet / 100
pH	558	pH	6.5 - 8.4	24 mm Ø	PHENOLRED/PHOTOMETER	Tablet / 100
Phenols	507	C <sub>6</sub> H <sub>5</sub> OH	0.1 - 5 mg/l	24 mm Ø	PHENOLE No.1	Tablet / 100
					PHENOLE No.2	Tablet / 100
Phosphate-ortho	710	PO <sub>4</sub>	0.05 - 4 mg/l	24 mm Ø	PHOSPHATE LR No.1	Tablet / 100
					PHOSPHATE LR No.2	Tablet / 100
Potassium	730	K	0.5 - 12 mg/l	24 mm Ø	POTASSIUM T	Tablet / 100
Silica	820	SiO <sub>2</sub>	0.05 - 3 mg/l	24 mm Ø	SILICA No.1	Tablet / 100
					SILICA No.2	Tablet / 100
					SILICA PR	Tablet / 100
Sulphide	668	S	0.04 - 0.5 mg/l	24 mm Ø	SULFIDE No.1	Tablet / 100
					SULFIDE No.2	Tablet / 100
Sulphite	405	SO <sub>3</sub>	0.1 - 10 mg/l	10 mm □	SULFITE LR	Tablet / 100
			0.05 - 4 mg/l	24 mm Ø		
Zinc	616	Zn	0.02 - 1 mg/l	24 mm Ø	COPPER/ZINC LR	Tablet / 100
					EDTA	Tablet / 100
					DECHLOR	Tablet / 100

□ = rectangular cell; Ø = round vial

1) Wavelength

2) Determination of free, combined or total possible

3) Unit must be re-adjusted using the Fluoride Standard for each new batch of SPADNS reagent.

**For Vial Test see overleaf !**