

ITS-486691-K, 525 nm Photometer Specifications:

- Directly reads 14 parameters
- Uses patented technologies (U.S. Patent 7333194, 7491546)
- 0.01 ppm (mg/L) resolution
- Built-in cell and countdown timer
- Accurate, reliable, and portable
- 20-Test memory for each menu (160 total)
- 2-Year warranty with satisfaction guarantee.



ITS-486691-K

Menu	Tests for	Range	Resolution	± Accuracy
CL1	Free Chlorine & Total Chlorine	0-11 ppm	0.01 (0-5.99ppm)	2 (0-3.00ppm)
			0.1 (6-11ppm)	7 (3.01-5.99ppm)
				12 (6.0-11ppm)
PH2	pH	6.2-8.4 pH	0.1	0.4pH
BR3	Bromine	0-14 ppm	0.01 (0-5.99ppm)	3 (0-2.50ppm)
			0.1 (6.0-14ppm)	8 (2.51-14ppm)
AL4	Total Alkalinity (as CaCO ₃)	5-300 ppm	1	12 (5-50ppm)
				10 (51-200ppm)
				13 (201-300ppm)
TH5	Total Hardness (as CaCO ₃)	1-320 ppm	1	10
CU6	Copper (as Cu ⁺²)	0.04-8 ppm	0.01 (0.04-2.99ppm)	3
			0.1 (3.0-8ppm)	
FE7	Total Iron (as Fe)	0.03-5 ppm	0.01	3 (0.03-1ppm)
				4 (1.01-3.5ppm)
				10 (3.51-5ppm)
HR8	High Range Chlorine	0-300 ppm	1-300 ppm	8

* Performance verified with various salt Systems and water Samples With optimal water temperature at 10-40°C. Optimal water temperature for Total Alkalinity test is 15-40°C. Optimal water temperature for High Range Chlorine test is 0-40°C.

Part	Parameter/Product
486691-K	eXact® Micro 7+ Standard Kit Kit includes Micro 7+ (486691), 25 tests of CL (DPD-1) (486637-25), CL (DPD-3) (486638-25), AL (486641-25), PH (486639-25), CA (486629-25), CU (486632-25), HR (486672-25) strips
486678	eXact® Micro Combo Lab Kit includes Micro 7+ (486691), Micro 8(486800), tests of each: CL (DPD-1) (486637-25), CL (DPD-3) (486638-25), AL (486641-25), CA (486629-25), CU (486632-25), PO ₄ (486814), NH ₃ (486654), BT-PH (486652), FE (TPTZ) (486650), and HR (486672)

Reagents:

parameter/test	Part	Range	Chemistry	Tests
Alkalinity, Total	486641	5 - 300 ppm	Alizarin Red S + Citrate	100
Bromine (DPD-1)	486637	0-14 ppm	DPD	100
Chlorine, Free (DPD-1)	486637	0- 11 ppm	DPD	100
Chlorine, Free (DPD-1)	484051	0- 11 ppm	DPD	100 Foils
Chlorine, Total (DPD-3)*	486638	0- 11 ppm	KI	100
Chlorine, Total (DPD-3)*	484103	0-11 ppm	KI	100 Foils
Chlorine, Total (DPD-4)	486670	0-11 ppm	DPD + KI	100
Chlorine, Total (DPD-4)	484054	0-11 ppm	DPD i.- KI	100 Foils
Chlorine, High Range Free	486672	0- 300 ppm	K) + Buffer	50
Copper (Cu ⁺²)	486632	0.04 - 8 ppm	Biguinoline	50
Hardness, Total	486673	1 -320 ppm	Phthalein Purple	50
Total Iron, TPTZ	486650	0.03 - 5 ppm	TPTZ + PP	50
Ozone (DPD-4)	486670	0-11 ppm	DPD + KI	100
Permanganate (DPD-1)	486637	0 - 11 ppm	DPD	100
pH	486639	6.2 - 8.4 pH	Phenol Red	100

Total Chlorine DPD-3 Test requires Free Chlorine DPD-1 (486637) to be run first. For resellers and distributors - products sold in case quantities (12 units per case).