

# Sensorex FCLA-7000 eXact 7 Photometer



**ECONOMICAL !  
SUPPLIED WITH  
1000 TEST STRIPS!**

**SIMPLE !  
NO MESSY POWDER  
OR TABLETS!**

**MORE ACCURATE !  
FREE CHLORINE 0-5.99PPM  
WITH 0.01PPM RESOLUTION**

## Performance Specifications

Measurement Method: Photometric

Light Source: Light Emitting Diode (LED)

Wavelength: 525 nm

Programmed Tests: Free chlorine, Chlorine dioxide\*\*

Free chlorine range: 0 -11ppm\* (CL1<6ppm, HR\*>6ppm)

Chlorine dioxide\*\* Range: 0 - 6.5ppm (TR7)

Transmission Range: 100 - 0.00 %T

Photometric Precision: +/- 0.1/0.01 %T

Automatic Range Selection: Displays 0.01 or 0.1 resolution automatically

Display: 3-digit customized liquid crystal display with annunciators

CELL : Non-removeable, Pathlength = 20 mm

Required Sample Volume: 4 ml (0.13 oz)

Reagent System: Utilizes patented eXact® Strip reagent delivery system

Operating Temperature Range: 0 - 50°C (32° - 122°F)

Power Supply: (4) AAA Alkaline batteries (not included)

Battery Life: >2000 tests with alkaline batteries

Electromagnetic Compliance (EMC): Emitted Interference - EN 61326; Immunity to Interference - EN 61326

Waterproof Rating: Exceeds IP67

Instrument Weight: 140 g (5 oz)

Instrument Dimensions: 5 (W) x 3.5 (D) x 16.5 (H) cm; (2 x 1.4 x 6.375 in)

Notes: \* For greater accuracy at >6ppm use HRC strip (HR8)

\*\* Requires additional glycine test strips for Chlorine dioxide. See ordering information.

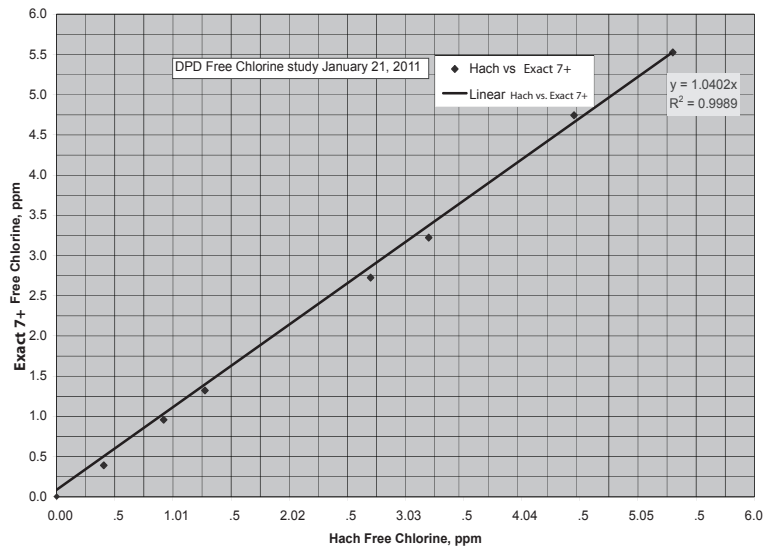
# eXact<sup>®</sup> Strip Micro DPD-1 Accuracy

Free Chlorine results are compared using the eXact<sup>®</sup> Strip Micro CL (DPD-1) with the eXact<sup>®</sup> Micro 7+ Meter in Menu CL1 and Hach<sup>®</sup> DR890 Colorimeter in Program 9 and Program 12 using Hach<sup>®</sup> powder pillows.

DR890	Micro 7+
0.00	0.00
0.41	0.39
0.920	.96
0.79	0.73
1.28	1.32
2.70	2.73
3.20	3.22
4.45	4.75
5.30	5.53

Meter	Menu	Range (PPM)	Resolution
Micro 7+	CL1	0.00 to 5.99	0.01
		6.0 to 11.00	.1
DR890	Program 9	0.00 to 2.200	.01
	Program 12	0.0 to 11.00	.1

Hach<sup>®</sup> is a registered trademark of Danaher Corporation



## Ordering Information

Part Number	Description
FCLA-7000	Exact-Micro 7+ colorimeter and 1000 test strips for free chlorine and chlorine dioxide** (DPD -1)
FCLA-7001	Replacement free chlorine test strips (0-5.999ppm range) (100 per bottle) DPD-1
FCLA-7003	Verification solution 2.00ppm (Used to check and verify exact meter)
FCLA-7002	Special High Range Free chlorine test strips (6-11ppm range)
CLDA-7001	Chlorine dioxide test strips** - glycine (100 per bottle)

Note: \*\* Included test strips are for 0-6ppm Free Chlorine and chlorine dioxide with no background chlorine present. Order separate FCLA7002 if >6ppm Free Chlorine. For Chlorine dioxide with background chlorine CLDA-7001 strips (ordered separately) must be used along with the Std FCLA7001 DPD-1 strips..

Parts covered by this product data sheet include:  
 FCLA-7000, FCLA-7001,7002,7003, CLDA-7001



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