

# eXact® MICRO 20 the ultimate water quality tester



**USEPA  
COMPLIANT  
FREE AND TOTAL  
CHLORINE  
CHLORINE DIOXIDE  
(4500-CL G STANDARD)**

The eXact® Micro 20 dual wavelength photometer tests over 30 water quality parameters with lab-quality accuracy at minimal cost. It features a narrow band wavelength filter for improved accuracy; long-life LED's and a built-in cell for ultra-performance. This high quality unit self calibrates and automatically selects the optimal wavelength for each test.

All tests use the patented EZ-3™ Reagent Delivery Method, a quick and easy procedure for analysis. Dip an eXact Strip into the water sample for 20 seconds with a simple back and forth motion, discard the strip, and read the results with the push of a button! This patented reagent delivery system provides smooth, precise reagent dispersion into samples without leaving suspended solids in the sample vial that adversely affect test results.

**EZ-3™ Method  
FAST, ACCURATE  
RESULTS IN  
3 SIMPLE  
STEPS**

**Directly reads:**

Total Alkalinity  
Aluminum  
Ammonia  
Biguanide  
Bromine  
Calcium Hardness  
Chloride (Salt)  
Chlorine Dioxide  
Combined Chlorine  
Free Chlorine (DPD-1)  
Total Chlorine (DPD-3)

Total Chlorine (DPD-4)  
High Range Chlorine  
Chromium (VI)  
Copper  
Cyanide  
Cyanuric Acid  
Fluoride  
Total Hardness  
Hydrogen Peroxide  
Total Iron (TPTZ)  
Manganese

Nitrate  
Nitrite  
Ozone  
Peracetic Acid  
Permanganate  
pH (Fresh and Salt Water)  
Phosphate  
Quaternary Ammonia  
Sulfate  
Sulfide

**WATERPROOF  
IP-67**



Measurement Method	Photometric Light Sources: Light Emitting Diodes (LEDs)
Wavelength	Dual Wavelength - 525nm and 638nm
Memory	20 tests per menu; 1080 total
Programmed Tests	Total Alkalinity, Aluminum, Ammonia, Biguanide, Bromine, Calcium Hardness, Chloride (Salt), Chlorine Dioxide, Free Chlorine (DPD-1), Total Chlorine (DPD-3), Total Chlorine (DPD-4), High Range Chlorine, Chromium (VI), Copper, Cyanide, Cyanuric Acid, Fluoride, Total Hardness, Hydrogen Peroxide, Total Iron (TPTZ), Manganese, Nitrate, Nitrite, Ozone, Peracetic Acid, Permanganate, pH, pH-BT in Fresh Water, pH-BT in Salt Water, Phosphate, Quaternary Ammonium, Sulfate and Sulfide
Photometric Precision	.01
Display	3-digit customized liquid crystal display with annunciators

Cell Pathlength	20mm
Cell Chamber	Custom-molded, proprietary, PET plastic fused into chamber, non-removable
Sample Required	4 mL (0.13 oz)
Reagent System	Utilizes patented eXact® Strip Micro reagent delivery system with our EZ-3™ Method
Operating Temp. Range	0 - 50°C (32° - 122°F)
Power Supply	(4) AAA alkaline batteries - 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	133g (4.7 oz) and 181g (6.4 oz) with batteries
Instrument Dimensions	5 (W) x 3 (D) x 16.5 (H) cm
Government Compliance	European CE Mark

For additional information about the eXact® Micro 20 dual wavelength photometer and our complete line of test strips, reagents, and water quality testing devices, please email: [info@filtec.co.nz](mailto:info@filtec.co.nz), or phone: 09 274 4223



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