



# MANTECH

OPTIMIZE YOUR RESULTS. PROTECT OUR ENVIRONMENT.

## ONLINE PeCOD<sup>®</sup> ANALYZER REAL TIME COD, BOD, AND TOC

### REAL USER BENEFITS

Green chemistry with no hazardous reagents protects operators and the environment

Save time and money through process optimization

Full autonomous control, operators simply set sampling frequency and press START

### INNOVATIVE TECHNIQUE

The patented PeCOD<sup>®</sup> technology provides a unique nanotechnology-based photoelectrochemical technique for determining bulk oxidizability of a sample stream

The strong oxidation power of the Titanium Dioxide photosensor facilitates rapid oxidation of all reactive organic matter, providing results in just 10 minutes!



# ONLINE PECOD SPECIFICATIONS

COD METHOD	PHOTOCATALYTIC TiO <sub>2</sub> OXIDATION
MEASURING RANGE	0.7 - 15,000 MG/L
AUTO-DILUTION CAPABILITY	EXTENDS RANGE >200,000 MG/L
TIME OF ANALYSIS	10 - 15 MINUTES
USER CONTROL	FULLY AUTOMATED VIA SOFTWARE
CALIBRATION AND QC	AUTOMATIC TIMED INTERVALS
METHOD PRECISION	≤ ± 5%
COMPATIBLE MATRICES	WATER, WASTEWATER, PROCESS
WASTE DISPOSAL	NON-HAZARDOUS, DRAIN/CARBOY
ORGANIZER OPTIONS	CABINET OR ROLLING CART
SYSTEM DIMENSIONS (CABINET)	20 X 42 X 60 IN 50 X 107 X 153 CM
ENCLOSURE MATERIAL	CORROSION-RESISTANT STEEL
OPERATING TEMPERATURE	5 TO 40°C
POWER REQUIREMENTS	STANDARD 100 - 240V AC OUTLET
PARAMETER ADD-ONS	PH, EC, ALKALINITY AND MORE
ADDITIONAL CAPABILITIES	MANUAL/PORTABLE OPERATION
	4-20MA FOR SCADA CONTROL
	MULTI-STREAM ANALYSIS
	REAL-TIME ALERTS



FOR MORE INFORMATION AND  
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