

OCM5000 On-line Cyanide Monitor Specifications	
Measurement	
Type	Silver Nitrate Potentiometric Titration
Number of Streams	One or two sample streams
Range	2 - 10,000ppm
Accuracy	± 3%
Reproducibility	>99%
Frequency	2 minutes to 99 minutes programmable
Electrical	
Supply Voltage	220VAC - 240VAC
Power Consumption	~500VA depending on configuration
Battery Back Up	1 x 12V 7A/hr
Electronic Control	Microprocessor 33Mhz 20Kb FLASH PEROM, 256 RAM
User Interface	
Display	Back lit LCD 40 x 2
Keyboard	Membrane 16 key multi-function
Outputs	
Analogue	2 x 4-20mA Channels
Serial	RS232
Digital	Voltage free N/O contact
Wet Chemistry	
Cell Material	Acrylic
Cell Volume	35mls
Indicator Electrode	Silver
Reference Electrode	Ag/AgCl (Restorable)
Cell Drain	Mechanical valve type
Stirrer	Magnetically Coupled
Valves	Solenoid operated
Pumps	Peristaltic, opto controlled
Filtration	
Filter Type	10uM 316 Stainless Steel or Cloth type
Pump Type	Peristaltic AC
Back Flush	Compressed air operated
Physical	
Cabinet Dimensions	770mm x 550mm (650) x 320 (including feet)
Cabinet Material	Powder coated 2.5mm Aluminium
Weight	Approx. 33Kg

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OCM6000 On-line WAD Cyanide Monitor Specifications

Measurement

Type	Micro Distillation with Silver Nitrate Potentiometric Titration Finish
Number of Streams	One or two sample streams
Range	2 - 1,000ppm CN
Accuracy	± 3%
Reproducibility	>99%
Frequency	10 minutes to 99 minutes programmable

Electrical

Supply Voltage	220VAC - 240VAC
Power Consumption	500VA depending on configuration
Electronic Control	Microprocessor 33Mhz 20Kb FLASH PEROM, 256 RAM

User Interface

Display	Back lit LCD 40 x 2
Keyboard	Membrane 16 key multi-function

Outputs

Analogue	2 x 4-20mA Channels
Serial	RS232
Digital	Voltage free N/O Contact

Distillation

Distillation Unit	Stainless steel distillation tube
Heating Elements	4 x 50W cartridge heaters
Valves	Solenoid operated
Pumps	Brushless DC peristaltic

Wet Chemistry

Cell Material	Acrylic
Cell Volume	35mls
Indicator Electrode	Silver
Reference Electrode	Ag/AgCl (Restorable)
Cell Drain	Mechanical valve type
Stirrer	Magnetically Coupled
Valves	Solenoid operated
Pumps	Peristaltic, opto controlled

Filtration

Filter Type	10µm 316 Stainless Steel or Cloth type
Pump Type	Peristaltic AC
Back Flush	Compressed air operated

Physical

Cabinet Dimensions	1700mm x 800mm x 340mm
Cabinet Material	Stainless Steel
Weight	Approx. 120Kg