

## DATA SHEET – OCM5500 Leach Process Analyser

<b>Equipment Name</b>	<b>OCM5500 Leach Process Analyser</b>
<b>Equipment Number(s)</b>	Set during manufacture
<b>General Characteristics</b>	
Manufacturer	Orica Cyantific™
Make / Model	OCM5500
Dimensions (L x W x H), mm	400 x 750 x 2000
Overall weight, kg	160
<b>Measurement</b>	
Analysis method	Silver Nitrate Potentiometric Titration
Number of streams	Up to 3
Sample size	Set during commissioning
Sample frequency	Programmable: 3 – 99 minutes
Accuracy	+/- 10ppm or +/- 3% (dependent on configured measurement range & process chemistry)
Range ppm CN free	0 – 10,000
Range pH units	7 – 14
Range DO units	0-50mg/L
<b>Analysis Equipment</b>	
Cell material	Acrylic (N/A)
Cell volume	60mL (N/A)
Electrodes	Silver (Indicator) / Ag/AgCl (restorable, reference) (N/A)
Sample mixing	Magnetic Stirrer
Pumps	Peristaltic, Opto controlled
Filtration	316 Stainless Steel 10um
<b>Services Required</b>	
Compressed air (flow and pressure)	1-2 Bar, Periodic flow through ¼” tube.
Water (flow / pressure / quality)	2L/hr, 1-5 Bar, Potable
Reagent requirements (type / quantity)	Silver Nitrate, made up from lab stock every 2-4 weeks.
<b>Process Connections</b>	
Stream sampling point	1” BSP threaded pipe per sample line for holding filter
Discharge waste solution	Drained from analyser back to leach tanks
Potable water, if required	Yes
<b>Materials of Construction</b>	
Sampling System	Stainless steel
Sampling connection details	Filter screwed into 1” BSP pipe, sampling tubes attached to filter
Housing	Stainless Steel 316
<b>Details of Instruments and Controls on Analyser</b>	
Description	HMI
Manufacturer	Schneider
Model	Proface 7”
Any Others	N/A
Control Panel	Inbuilt with analyser cabinet
Construction	Stainless Steel

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