

Automated WAD and total cyanide analyser from OI Analytical, validated to ASTM D6888, D7511 and ISO 14403. A continuous flow SFA/FIA platform that also handles nutrients and other water-quality parameters for Australian mining and environmental labs.

SPECIFICATIONS

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|------------------------|---|
| Analysis Type | Continuous flow (SFA/FIA) |
| Throughput | 20-90 analyses/hour/channel (method-dependent) |
| Sample Capacity | 90, 180, or 360 positions (varies by configuration) |
| Photometric Range | 420-880 nm |
| Flow Cell Path Lengths | 5, 10, or 20 mm (PEEK) |
| Detector Options | Photometric, amperometric, ISE |
| Channels | 1-2 per chassis; expandable |
| Software | FlowView (Windows) |
| Power | 90-250 VAC, 50/60 Hz (universal supply) |
| Dimensions (Module) | 31" x 17.5" x 10.5" (79 x 44 x 27 cm) W x D x H |
| Weight | ~19.5 kg (analysis module typical) |

APPLICATIONS

- ▶ Available and total cyanide analysis (mining, environmental)
- ▶ Nutrient analysis: ammonia, nitrate, nitrite, phosphorus, silica, TKN
- ▶ Drinking water and wastewater compliance monitoring

FEATURES

- ▶ Continuous flow analysis: SFA, FIA, iSFA, and SFIA methods on different channels simultaneously
- ▶ Validated cyanide methods available (ASTM D6888, OIA-1677-09, ASTM D7511, ISO 14403)
- ▶ Two detector boards standard - supports photometric, amperometric, and ISE detection
- ▶ Photometric detection: 420-880 nm with 5-, 10-, or 20-mm PEEK flow cells
- ▶ Modular chemistry cartridges - pre-assembled and validated by OI Analytical
- ▶ Throughput: 20-90 analyses per hour per channel (method-dependent)
- ▶ Autosampler options: 90-, 180-, or 360-position configurations
- ▶ FlowView software with LIMS-compatible data export
- ▶ Multiple systems can be linked for additional concurrent channels
- ▶ Windows-compatible (32/64-bit)

- ▶ Agricultural soil extracts and plant tissue digests
- ▶ Industrial process water quality control
- ▶ Environmental research laboratories