

WAD 1000

ON-LINE WAD CYANIDE ANALYSER

Protect Your Environment

WHAT IS WAD CYANIDE?

WAD Cyanide is complexed "Weak Acid Dissociable" Cyanide potentially toxic to humans and animals.

WHY MEASURE WAD?

In today's world environmental protection plays an important role-

- Measuring WAD Cyanide on-line assists compliance with the International Cyanide Management Code.
- Real-time results can be used to control and optimise the cyanide destruction and recovery process.

METHOD

The WAD 1000 analyser uses the Picric Acid Method. Advanced sample preparation removes interferences from the sample.



The Process

FAST AND ACCURATE

On-line measurement offers fast and repeatable results. The analysis cycle time is of the order of 20 minutes per analysis.



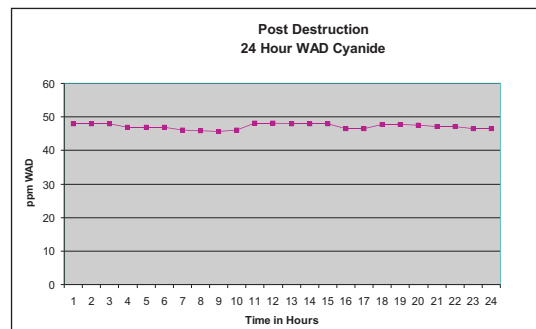
WAD 1000 Wet Box

RELIABILITY

The WAD 1000 analyser is based on our legendary TAC 2000 and TAC 1000 hardware platform. It is designed to be simple to operate, rugged to survive harsh plant environments and easy to maintain.

MEASUREMENT RANGE

The analyser is usually set up with calibrated range of 0 to 50 ppm WAD Cyanide. Other ranges are easily handled.



Plant Data

FEATURES

- WAD 1000 has an integrated slurry sampling system.
- The analyser can measure two streams.
- Able to prepare one sample while analyzing another.
- Good precision.
- Low reagent use. e.g. Picric use is less than 0,5l per day.
- The analyser calibrates automatically using standard and blank solutions.
- It automatically cleans its glassware and tubing.
- Good visibility into the operation of the machine for easy fault finding.

INTERFACING

The equipment has the usual process interface signals of 4-20mA and potential free contact. It also supports MODBUS data interchange.

SUPPORT

Process Analytical Systems have equipment installed in many countries around the world and have built up a technical support system to promptly handle support issues.

The WAD 1000 can link to a cellular network. This allows for remote operation and support. It can send results by SMS to anyone, anywhere.

PRICING

The WAD 1000 can be rented or purchased, please contact us for a quotation.



Process Analytical Systems

www.process-analytical.co.za

P O Box 78, Highlands North, Johannesburg 2037, South Africa
PHONE: +27 11 786 9567 FAX: +27 11 786 9566 E-MAIL: info@process-analytical.co.za