2 polymetron

"helping to make a safer world...

On-Line **ACCELERATOR** Analyzer

- no filtration and sample preparation
- instant results with continuous performance validation
- manual sample entry system for spot-check analysis
- easy mode of operation

if your application is

- **AUTOMOTIVE PRETREATMENT**
- **METAL SURFACE TREATMENT**
- PLATING INDUSTRY

your solution is the

POLYMETRON Model 8810 ACCELERATOR Analyzer

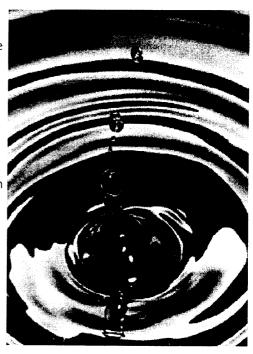
THE METHOD

Utilizing the proven ORP oxidation titration method, the 8810 will perform under severe process conditions reliably and accurately.

After capturing the sample, a Sulphuric Acid solution is added to condition the sample pH, and a Ferrous Sulphate solution to react with the Sodium Nitrite.

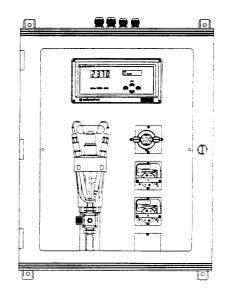
Next the Ceric Sulphate solution is injected to react with the Nitrite. This reaction results in the mV potential change, which is detected by the Platinum ORP electrode.

By tracking the mV changes versus the amount of titrant solution consumed, the point of inflection or the endpoint will equal the concentration of Sodium Nitrite, respectively the ACCELERATOR.



Technical Specifications

Lower detectable limit: Measuring range: Detection Method: Calibration: Chemical consumption: Operating temperature: Sample frequency: Sample streams: Sample volume/cycle: Sample temperature: Sample pressure: Sample flow rate: Power: Compressed air: Signal output:	
Enclosure rating:	



System Configuration

l each	368810.50116 includes:	Analyzer Model 8810, ORP base unit, 110V - 60Hz
l each	368810.70060	I .6g/l Ceric Sulphate / 0.01% Sulphuric Acid titrant solution Reagent pump, peristaltic, for: Og/l Ferrous Sulphate / 0.01% Sulphuric Acid Conditioning solution
l each	368810.70060	
l each	368810.52000	

OPTIONS

G	
l each 368810.5600	O Automatic chemical cleaning system
leach 368810.6000	
! each 368810.6500	Manual sample entry system
leach 359097.0016	Reagent / Calibration solution level sensor
leach 368810.4000) NEMA 4X Fiberglass enclosure, wall mount
l each 368810.4500	NEMA 12 Steel enclosure, floor mount

zellweger analytics, inc.

100 Park Avenue League City, Texas 77573

U.S.A.

Tel: 713 / 332 - 2484 Fax: 713 / 554 - 6795

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Your local representative:



Process Technology

pmlprocess.com Tel: (905) 206-9514 Fax: (905) 282-9903