

Fast Phosphate Method

It's fast.

FIAlab understands that during peak testing seasons laboratories need to run samples as efficiently as possible. That's why we developed this speedy method for orthophosphate in soil samples. By using a high-efficiency heater and external sample pump, this method is able to achieve significantly higher sample throughput:

- > 4 samples / min or **240 samples / hour**
- > Detection Range of **0.2-50 mg Phosphorous / L**
- > Absolutely no loss of reliability or accuracy due to increased throughput
- > Compatible with Olsen and Bray extractions
- > Method easily configured and run in FIAsoft:

Name	Peak Response	Known Concentration	Calculated Concentration	% Error	Enabled
0 ppm	0.0006	0	0	NA	<input checked="" type="checkbox"/>
0.2 ppm	0.0063	0.2	0.21	3.29	<input checked="" type="checkbox"/>
0.5 ppm	0.0141	0.5	0.49	2.49	<input checked="" type="checkbox"/>
1.0 ppm	0.0205	1	1	0.49	<input checked="" type="checkbox"/>
5.0 ppm	0.1196	5	5.01	0.21	<input type="checkbox"/>
10.0 ppm	0.2772	10	9.97	0.31	<input type="checkbox"/>
30.0 ppm	0.8127	30	30	0.00	<input type="checkbox"/>
50.0 ppm	1.3698	50	49.36	1.28	<input type="checkbox"/>

FIAlyzer-1000
Flow Injection Analyzer

For a list of included parts, necessary reagents, or any other questions, please visit:

www.flowinjection.com

or email us at:
sales@flowinjection.com