

# APA6000 vs. EZ Series

## The New Standard in Online Hardness Analysis



APA6000



NEW!

EZ Series

Features	APA6000	EZ Series Colorimeter	EZ Series Titrator
<b>Multi-Stream Capabilities</b> Monitoring multiple process streams in one instrument saves cost and wall-space..	Max. 2 streams	Max. 8 streams	Max. 8 streams
<b>Multi-Parameter Capabilities</b> Monitoring multiple parameters provides a more complete picture of your process.	✗	Total Hardness Calcium Hardness Magnesium Hardn.	Total Hardness Calcium Hardness Free Alkalinity Total Alkalinity
<b>Flexible Measuring Ranges</b> Multiple selectable measuring ranges support high analytical performance and reliable results.	✗	✓	✓
<b>Enhanced Connectivity</b> Analog and digital communication outputs support easy integration into your systems.	✗	✓	✓
<b>Wide Analytical Range</b> A choice of different methods to match your lab method and your application needs.	✗	✓	✓
<b>Service Protected</b> All analyzers have a complete portfolio of service plans to help you protect your investment and peace of mind.	✓	✓	✓

## Technical Specifications



Features	APA6000	EZ1000 Series Colorimeter	EZ4000/5000 Series Titrator
Parameter	Hardness	Total Hardness Calcium Hardness Magnesium Hardness	EZ4000 Single-Parameter: Total Hardness Calcium Hardness  EZ5000 Multi-Parameter: Total Hardness Calcium Hardness Free Alkalinity Total Alkalinity
Measurement range (CaCO <sub>3</sub> )	0.05 - 10 mg/L 10 - 1000 mg/L	0.0025 - 0.1 mg/L 0.005 - 0.25 mg/L 0.005 - 0.5 mg/L 0.025 - 1 mg/L With internal dilution: 0.2 - 4 mg/L 0.4 - 8 mg/L 2.5 - 100 mg/L	0.25 - 10 mg/L (TH only) 10 - 100 mg/L 25 - 250 mg/L 50 - 500 mg/L 100 - 1000 mg/L Internal dispenser dilution (max. factor 100)
Limit of detection	1 mg/L CaCO <sub>3</sub> 10 mg/L CaCO <sub>3</sub>	2.5 µg/L CaCO <sub>3</sub>	0.25 mg/L CaCO <sub>3</sub> (TH only) 10 mg/L CaCO <sub>3</sub>
Accuracy	±5%	Better than 2% full scale range for standard test solutions	Better than 2% full scale range for standard test solutions
Outputs	2 x 4-20 mA outputs	Up to 8 x 4-20mA outputs Modbus RS485 Modbus TCP/IP	Up to 8 x 4-20mA outputs Modbus RS485 Modbus TCP/IP
Cycle Time	8.2 minutes for High Range 4 minutes for Low Range	10 minutes	10 - 15 minutes
Dimensions (HxWxD)	526 mm x 627 mm x 533 mm	690 mm x 465 mm x 330 mm	690 mm x 465 mm x 330 mm

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