

PSA

PORTABLE SPECTRUM ANALYZER

 Patented technology



DESCRIPTION

The PSA is a compact, portable spectrophotometer and fluorometer designed for fast, reliable water analysis, wherever you are. With intuitive app-based operation, wireless charging, and compatibility with standard reagents, it delivers lab-quality results without requiring lab expertise. Ideal for water treatment professionals, plant operators, technicians, or anyone tasked with water testing.

USER BENEFITS



1

Easy to use — no expertise required

App-guided operation makes accurate testing simple for everyone.



2

Reliable results, anytime, anywhere

Run tests in the field, lab, or plant with full confidence.



3

Portable and rugged

Lightweight and rechargeable. Built for demanding field use.

KEY FEATURES

Multi-wavelength detection

Automatic wavelength selection (340–850 nm) with pre-loaded water quality tests.

App-based control

App-guided via Aquassist (iOS&Android) with cloud sync and data storage.

Wireless charging

Qi-compatible pad with LED status indicators.

Standard reagent compatibility

Works with common reagent kits; supports custom methods.

20 mL borosilicate vials

Durable, optically clear, and easy to handle.

TECHNICAL SPECIFICATIONS

Wavelength range	340–850 nm
Vial volume	20 mL borosilicate
Charging	Qi wireless
Battery life	Up to 200 tests per charge
App support	iOS / Android / Tablet
Certifications	CE · FCC · QAI-E11290
Temp. range	5 °C to 50 °C

RUNS 50+ TESTS, INCLUDING

Free / total chlorine

Calcium & magnesium hardness

Nitrate / nitrite

Iron & copper

Manganese & phosphate

Ammonia & turbidity

PTSA fluorescence

Fluorescein

Tagged polymer

...and many more



Contact us today!
aquassist.com