

PTA

PORTABLE TITRATION ANALYZER

 Patented technology



DESCRIPTION

The PTA is a next-generation portable automatic titrator designed for high-precision analysis in both laboratory and field environments. Engineered with advanced optical sensors, wireless charging, and a mobile-friendly interface, it delivers accuracy, speed, and convenience in a compact and user-centric package.

USERS BENEFITS



1

Easy to use - No Expertise Required

An intuitive interface with step-by-step guidance, ideal for plant operators, technicians, and field engineers.



2

Uses Industry-Standard Reagents

Compatible with commonly available titration reagents, with support for customization to meet client-specific chemical protocols.



3

Reliable Results, Anytime, Anywhere

Built for lab, field, and industrial environments, the rugged, spill-resistant design ensures reliable portability in demanding conditions.

KEY FEATURES

High-Quality Optical System

Precision optical sensors provide accurate titration endpoint detection with real-time colorimetric feedback, while built-in auto-calibration and light compensation ensure consistent results under varying lighting conditions.

Smart Device Operation

Seamlessly connects to iPhone, Android smartphones, and tablets through the Aquassist app to run tests, manage data, and access secure cloud storage.

Fully Automatic Operation

Pre-programmed methods, an auto-syringe with micro-volume dosing, and adaptive endpoint detection algorithms deliver accurate, repeatable water quality testing.

TECHNICAL SPECIFICATIONS

Volume resolution	0.02 mL
Battery life	Up to 75 analyses
Charging	Qi wireless
Device support	iOS / Android / Tablet
Operating temp.	5 °C to 40 °C
Certifications	CE · FCC · QAI-E11290



Contact us today!

aquassist.com