

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.

TECHNICAL SPECIFICATIONS

- Volume Resolution: 0.02 ml
- Battery Life: Up to 75 analysis per charge
- Charging Method: Qi Wireless
- Smart Device Support: iOS / Android / Tablet
- Operating Temp: 5°C - 40°C
- Certifications : CE FCC and QAI-E11290



KEY FEATURES

High-Quality Optical System:

- Precision titration endpoint detection using optical sensors.
- Real-time colorimetric feedback ensures enhanced endpoint accuracy.
- Built-in auto-calibration and light compensation for consistent results in varying lighting conditions.

Smart Device Operation:

- Seamless interface via iPhone, Android smartphones, and tablets.
- Runs tests, manages data, and has access to cloud storage through the Aquassist app.

Fully Automatic Operation:

- Pre-programmed methods for common water quality tests.
- Auto-syringe with micro-volume dosing.
- Adaptive endpoint detection algorithms ensure accurate and repeatable results.

USER BENEFITS

1

Easy to use - No Expertise Required

- Intuitive interface and step-by-step guidance.
- Ideal for plant operators, technicians, and field engineers.

2

Uses Industry-Standard Reagents

- Compatible with commonly available titration reagents.
- Supports customization for client-specific chemical protocols.

3

Reliable Results, Anytime, Anywhere

- Works in lab, field, and industrial environments.
- Rugged, spill-resistant, and portable for demanding conditions.



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