

BTG leads the field in next-generation charge measurement

The new Mütek™ PCD-04 Travel reinforces BTG's position as the market's leading innovator of advanced instrumentation systems designed to help paper manufacturers raise their productivity.

Twenty years ago, Mütek set the benchmark for fast, reliable charge measurement. Now, BTG is raising the bar still further with the new Mütek™ PCD-04 Travel, a next-generation instrument whose accuracy and exceptional ease of use should see it quickly become the new industry standard.

An indispensable tool for measuring colloiddally dissolved substances in aqueous samples, BTG's Mütek PCD is already the industry choice for detecting anionic trash levels and characterizing additives. It's also the world's most widely-used streaming current detector, thanks, among other things, to its capacity to consistently deliver reliable charge measurement at high conductivities.

Now boasting an extensive range of additional customer-requested features, BTG's next-generation PCD-04 also incorporates an exciting new concept in portable charge measurement.

For professionals on the move, the PCD-04 Travel offers a built-in titration module featuring a set of 250ml cartridges of Mütek standard titrant solutions that guarantee the highest level of measuring accuracy. Each cartridge type is automatically recognized by the system, and its condition – normality, best-before date, amount of product remaining and other characteristics – are clearly and instantly displayed on the screen.



PCD 01 Mütek's first Particle Charge Detector

The PCD-04 Travel combines exceptional ease of use with the ability to deliver fast, accurate and reliable results both in the lab, and off-site.

With a special new algorithm based on a unique titration method, the system's automatic titration ensures the risk of failure is always kept to a minimum. A state-of-the-art electronics platform supports sophisticated signal processing and offers a service-friendly modular approach, while USB communication and memory card functionality simplify data export and storage.

In short, the PCD-04 Travel makes measuring charge in the laboratory as fast and simple as can be, while delivering substantially improved measuring efficiency.



Mütek™ PCD-04 Travel

Performance and precision

The BTG Mütek PCD-04 Travel also offers a host of additional features that make it a truly indispensable work companion. Touch-screen operation and intuitive prompts guide the user through each measurement procedure, and the display can be easily adjusted to a range of different angles to ensure an ergonomic and comfortable working position.

The system's sleek new mechanical design ensures precision measurement, smooth and stable piston running and excellent reproducibility of results. The measuring cell with reinforced outer shell guarantees a perfect fit for the lifetime of the unit, and a pH-probe is also optionally available.

For professionals needing a scientific laboratory device that supports advanced studies and complex data handling, the PCD-04 Travel can be paired with the Mütek PCD-T3 titrator. In addition to charge demand/quantity and pH-value analysis, this enhanced system offers iso-electric point titration and features custom-designed PCD LabX software that allows titration to be computer-controlled for more precise overviews and faster editing.

The new BTG Mütek PCD-04 Travel is all you need for fast, accurate, easy lab-based charge measurement. To find out how it can help you raise your productivity, contact your BTG account manager.

“BTG’s Mütek PCD-04 Travel is the clear choice for chemical suppliers working in the field, for newcomers to charge measurement, and for every customer looking to lift the performance of their lab instruments to a whole new level.”

**Jacques Marcotte, VP,
BTG Instruments**



Mütek™ PCD-04 Cartridges