



USTECH
INNOVATIONS

USTECH TrueLine 17EC
Smart NIR Analysis, Wherever You Need It



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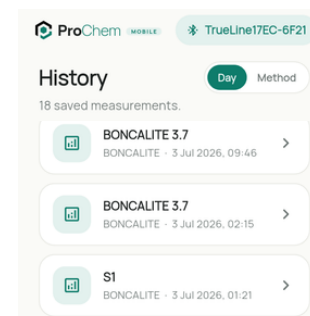
The TrueLine 17EC brings fast and reliable NIR analysis directly to the field. Working seamlessly with its mobile application and cloud-based portal, the system enables users to perform measurements on-site, automatically transfer results, and access analytical data from a connected digital environment.



Fast On-Site Analysis

Results where and when you need them

Designed for field use, the TrueLine 17EC enables rapid measurements directly at the sampling point. Its handheld design eliminates the need to bring every sample to the laboratory, supporting faster quality decisions wherever measurements are required.



Mobile App Integration

Measure and manage from your mobile device

Measurements are performed through the dedicated mobile application, providing a simple and convenient workflow. Measurement results and spectral data can be automatically transferred to the portal for centralized access and further management.



Ready-to-Use Calibrations

Reliable models for confident analysis

The TrueLine 17EC works with application-specific, high-accuracy calibration models developed for reliable quantitative analysis. This allows users to move quickly from spectral measurement to meaningful analytical results.



Technical Specifications

Wavelength Range	908-1676 nm
Operation Temperature	(-20) - 45 °C
Communications	Bluetooth
Environmental Rating	IP65
Lamp life	>40,000 hr
Software compatibility	ProChem Mobile
Weight	1.4 kg
H x W x L	22 x 6.6 x 9.5 cm

Versatile Analysis Across Industries

Bringing fast and reliable NIR analysis directly to the point of need.



Feed & Animal Nutrition

Rapid quality control from raw materials to finished feed

TrueLine 17EC enables fast on-site analysis of feed ingredients and finished products. Application-specific calibration models provide reliable determination of key quality parameters, supporting efficient quality control throughout production, storage, and raw material receiving.



Plastics & Polymers

Fast material identification and quality assessment

NIR spectral information enables rapid characterization and classification of polymers and plastic materials. TrueLine 17EC brings this capability directly to the field, supporting applications such as raw material verification, recycling, material sorting, and routine quality control.



Textile

Chemical & Industrial Processing

Eliminate the need for dangerous manual sampling in potentially hazardous environments. The analyzer offers precise endpoint determination for complex chemical reactions, speeding up processing times and minimizing the risk of costly material degradation.



Chemical & Industrial Materials

Flexible analysis for diverse materials and processes

From incoming raw materials to finished products, TrueLine 17EC provides rapid spectral analysis for a wide range of chemical and industrial applications. Dedicated calibration and classification models can be developed according to specific materials and analytical requirements.

Our Core Commitments to You

"The Standard in Spectroscopy" is our commitment to your success. We provide cutting-edge analytical solutions so you can focus entirely on optimizing production, streamlining workflows, and ensuring uncompromised product quality.



Innovative

We leverage advanced technological expertise to develop state-of-the-art solutions—like direct measurement systems—that redefine laboratory standards.



Reliable

We guarantee precision and reproducibility, ensuring consistent, lab-grade results you can trust in every analysis.



Effortless

We simplify your daily workflow with intuitively designed instruments requiring zero-to-minimal sample preparation.



Cost-Effective

Maximize economic benefit by completely eliminating the need for expensive consumables, toxic reagents, and time-consuming methods.



Safe & Clean

We prioritize operator safety and the environment through robust housing architectures and chemical-free analytical processes.



Fast

Empowering rapid decisions with instant insights. We deliver accurate results in under a minute to keep your production moving.

CONTACT US

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