



FT-NIR SPECTROMETER

MOVE-T

Smarter Quality Control for Liquid Dairy Products

Innovation with Integrity

FT-NIR spectroscopy is renowned for its rapid, non-destructive testing, ensuring precise and repeatable analysis of fat, protein, lactose, and total solids in dairy products. The new MOVE-T analyzer extends these benefits to a wide range of dairy needs, from raw milk to liquid finished products, intermediates, and premixes.

MOVE-T Analyzer: Precision and Versatility

Wearless Quartz Flow Cell: The MOVE-T features an OH-free quartz flow cell with a 1000 μm pathlength, accommodating any pumpable sample, even those with higher viscosity or particles. Its bottom-to-top filling design optimizes sample flow and minimizes carryover, enhancing accuracy and reliability.

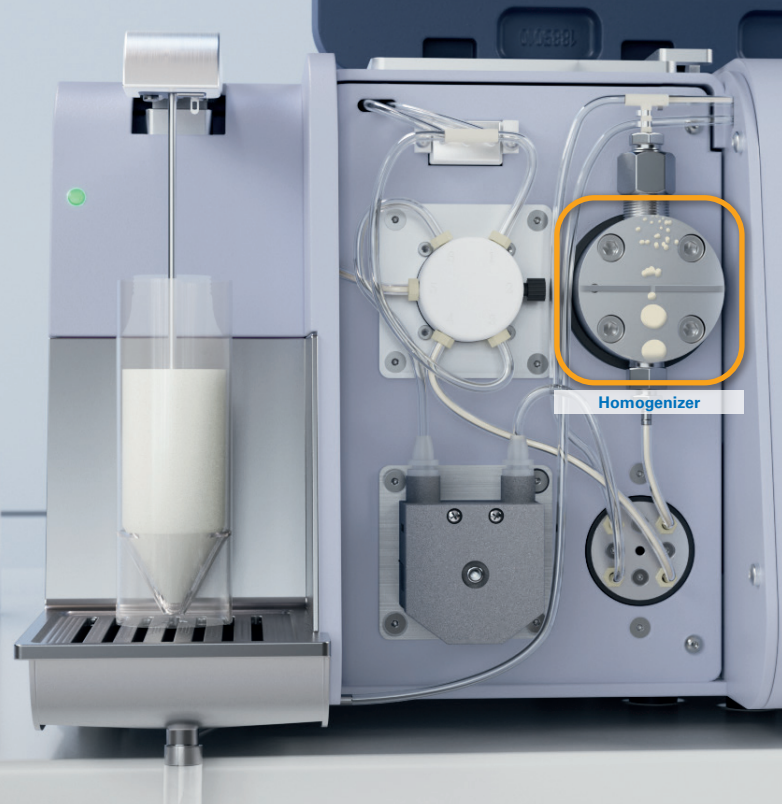
Easy and Flexible Handling: The MOVE-T's adjustable moving arm allows flexible sampling from various containers, including milk standards and finished product cartons. An advanced level sensor prevents air intake, ensuring uninterrupted quality control processes.

Automated Cleaning Routines: Automated cleaning routines enhance efficiency and system integrity, preventing cross-contamination and ensuring accurate results. These routines reduce manual labor and downtime, maintaining high operational standards and extending maintenance intervals.

Applications & Calibration Methods: Enhance your MOVE-T analyzer with our versatile calibration packages for accurate analysis of liquid products from raw milk to finished goods. These packages include robust methods for key parameters like total solids, fat, protein, and lactose, adaptable to your specific needs. Developed and validated under ISO 21543 IDF 201:2020 guidelines, our methods ensure maximum reliability and are continuously updated with the latest technology.



Wearless Quartz flow cell with 1.000 μm pathlength for uninterrupted operation, even with viscous samples.



Different sample guidance through the MOVE-T spectrometer with homogenisation of raw milk (left) and peristaltic pumping of other samples (right).

Innovative 2-in-1 system

The 2-in-1 system of the MOVE-T is designed to streamline your workflow. It allows for automated, product dependent handling, enhancing efficiency and precision in your processes. The dual system can switch software controlled between a powerful **homogenizer** and a **peristaltic pump** for sample treatment and transport, depending on the product. Unlike conventional FT-IR milk analyzers, the MOVE-T excels in processing even the most viscous liquid dairy products with ease.

The MOVE-T offers unparalleled flexibility, ensuring consistent sample preparation and reducing manual intervention. Whether you need homogenization or straightforward pumping, the MOVE-T adapts seamlessly to your needs, ensuring optimal results every time.

The MOVE-T at a glance:

- Liquid sampling module with fully software-controlled sampling and cleaning cycles
- Dual pump system with optional homogenization for raw milk
- Quartz flow cell with no cuvette wear
- Visible tubing for easy inspection

Bruker Optics is continually improving its products and reserves the right to change specifications without notice.
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MOVE-T
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