



NIROnline

Controls production quality in real time

Closely monitoring key parameters such as moisture, fat or protein is critical to correct deviations of any manufacturing process. NIROnline spectroscopy provides full control by continuously delivering accurate measurements within seconds.

Efficient

Material and time savings through continuous process monitoring



Ease of use

Minimal operator interactions required



Reliable

Minimized maintenance and downtime due to robustness and ingress protection

NIROnline: Your most important benefits



Efficient

- Comprehensive information through multiple measurement options in one unit (NIR, VIS, High Resolution CCD Camera)
- Rapidly controls relevant key parameters of the product simultaneously in real time
- Fast measurement of moving products (e.g. on conveyor belt, up to 1 m/s)



Ease of use

- Easy operation with optimized user interface permanently monitoring your product quality
- Ready to use as well as customized accessories for best process adaptation
- Effortless method optimization by autocalibration function
- Instant documentation through automated report generation and auditing function



Reliable

- Continuous operation due to twin-lamp safeguard even in case of lamp failure
- Robust and ingress protected spectrometer up to IP68 and ATEX certified
- Industrial suited design copes with rough conditions like vibrations

Complete your portfolio



NIRFlex®
N-500
Versatile laboratory
FT-NIR spectrometer



NIRMaster™
Pro IP65
FT-NIR spectroscopy
with maximum protection



KjelMaster
K-375
Steam distillation and
titration



Extraction Unit
E-816 SOX
Automated soxhlet
extraction

