



NIRFlex® N-500

The modular FT-NIR spectrometer

The N500 FT-NIR spectrometer provides reliable analysis results for quality control as well as research and development in the pharmaceutical, chemical, food, beverage and feed industry. The NIRFlex N-500 offers a wide range of measuring cells and accessories for highest performance.



Reliable and flexible

Precise and accurate results with flexible accessories for broad range of samples



Fast, safe and easy

Faster analysis results without sample preparation and need of chemicals



Highly efficient

Continuous operation (24/7)
at low cost of ownership

N-500: Your most important benefits



Reliable and flexible

- Precise and accurate analysis results due to highest wavelength precision
- Direct and effortless transfer of calibrations from instrument to instrument
- Precisely analyzes different types of sample (solids, powders, tablets, granules, pastes, liquids, etc.) by dedicated measuring options



Fast, safe and easy

- Delivers results in seconds
- Obtains several parameters simultaneously
- No chemicals or solvents
- User friendly and intuitive handling



Highly efficient

- Fast analytical results allow rapid process optimization
- Low cost of ownership (common spare parts are user-exchangeable, no periodic instrument re-calibration required etc.)
- Continuous operation due to the twin lamp safeguard

Complete your portfolio



NIRMaster™
IP54 / Pro IP65
FT-NIR spectroscopy



Mixer
B-400
Grinding and
homogenization



DuMaster
D-480
Combustion



KjelMaster
K-375
Steam distillation and
titration

