

Total Protein Analysis

TruMac[®] N and FP628 Nitrogen/Protein



Both the *TruMac* N and FP628 allow you to quickly and easily analyze challenging samples such as meats, feeds, petfood, and milled products. These instruments offer industry-leading analysis times, with the ability to handle a wide range of sample materials and masses.

Features include:

- Rapid analysis times (3.5 to 5 minutes) with extended reagent lifetimes including a 2000 sample copper reduction reagent lifetime ensure a low cost-per-analysis and increased instrument uptime for maximum throughput regardless of the sample matrix or mass
- Reliable, low-maintenance automation enhances efficiency and ease-of-use
- Improved design and accessibility for maintenance areas
- Extended reagent lifetimes ensure a low cost-per-analysis and superior instrument uptime
- Supports compliance with AOAC, ASTM, ISO, AACC, AOAC, and ASBC methods of analysis



TruMac N Nitrogen/Protein

- Sample mass up to 3 grams
- Unique ceramic horizontal furnace utilizes pure oxygen environment ensuring complete oxidation of macro samples, with maximum temperatures up to 1450°C
- Other configurations include carbon/nitrogen, nitrogen/sulfur, and carbon/nitrogen/sulfur

FP628 Nitrogen/Protein

- 50 mg to 1 gram sample sizes in 3.5 minutes
- Dual-stage furnace system operates at temperatures up to 1050°C with only pure oxygen, ensuring the complete combustion of all organic samples, without requiring other oxidizing reagents or other carrier gases
- Other configurations include carbon/nitrogen and carbon/hydrogen/nitrogen, with optional add-on sulfur module also available

