

CEM Corporation

For over 30 years, the dairy industry has relied on CEM Corporation for accurate, dependable compositional testing systems. We design and develop innovative laboratory instruments that meet the requirements of officially recognized methods, yet are fast and easy to use. Our award-winning systems can be found in major companies, prestigious universities, and government testing and research facilities around the world. Our chemists and engineers have not only been essential to the development of our innovative instruments, they've also helped develop official methods, spoken at numerous scientific conferences and had articles, books and book chapters published.

CEM invented the first microwave moisture/solids analyzer for the dairy industry in 1978 and we have been innovating ever since.

CEM's Sprint Rapid Protein Analyzer was a winner of the 2009 Presidential Green Chemistry Challenge Award given by the United States Environmental Protection Agency for its greener reaction conditions. The system provides a fast protein determination that is as accurate as Kjeldahl without the use of hazardous chemicals or high temperatures. Ideal for yogurt and other dairy products, the Sprint uses a bioscience method that "tags" the protein in a sample for accurate results that are not affected by non-protein nitrogen. In minutes, the remarkably easy-to-use Sprint System provides an accurate protein analysis without the need of a trained chemist.

The SMART Trac™ II, the next generation of our popular Fat and Moisture Analyzer, analyzes fat in only 8 seconds. The SMART Trac II partners advanced, high performance NMR technology with microwave moisture/solids analysis for fast, accurate, direct results without solvents or costly recalibrations.



The SMART Turbo™ Microwave Moisture/Solids Analyzer gives you accurate, reproducible drying results. The SMART Turbo provides precise measurement of liquids, solids, and slurries. Simple-to-use with pre-programmed methods, the SMART Turbo and SMART Trac II are available with software in English, Spanish, French, German and Italian.

Based in Matthews, North Carolina, CEM is a private company with offices in the United Kingdom, Ireland, Germany, France, Italy and Japan, as well as more than 50 distributors worldwide. Our systems are backed by a fully-staffed team of applications chemists and factory-trained service technicians, who are widely known for their courteous, prompt, and expert support.



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CEM
*Innovative Technology
 for Food Science*