

Overview Presentation

Heliospir Nantes 2022

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Building on 75 years of winning IR and NIR technology



R.S. Perkin

C.W. Elmer

- **1937**
Richard S. Perkin und Charles W. Elmer found the Perkin-Elmer optical shop
- **1943**
Perkin-Elmer supplies optical components to American Cyanamid for the development of infrared systems
- **1944**
PerkinElmer started the 'Instrumental Analysis Division' with the first IR spectrometer:
 - Infrared-Spectrometer Modell 12



Leading Capabilities in Attractive End Markets

Diagnostics



Life Sciences



Food



Applied



Instruments



Consumables & Reagents



Software & Service



Food Segment portfolio

More specific application

Sample preparation



LM3100



LM3310



SPD4200

Composition analysis



FT 9700



DA 7250 GP/SD At-line NIR



DA 7350 In-line NIR



DA 7440 On-line NIR

Process control

Dedicated to Dairy



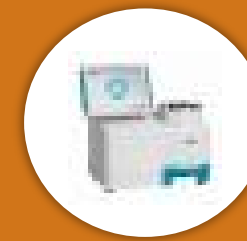
LactoScope FT-A



LactoScope 300



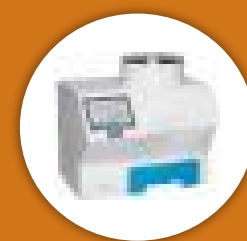
IndiScope



Inframatic 9500



Inframatic 8800



Aquamatic

Dedicated to Grain



LQA Wine

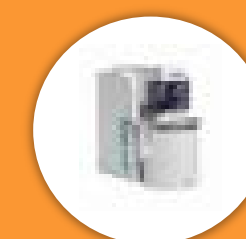
Functional analysis



Rapid Visco Analyzer



Glutomatic



Falling Number 1000



DoughLAB

consumables and service



Dairy



Grain



Meat & Seafood



Processed Food



Agri-Bio Research

FT 9700 technology overview

- High-Performance FT-NIR technology based on market leading IR interferometer

- Gold-coated interferometer and optics

- NIR check standards and filters

- Lamp

- Reflection unit position

- Rugged sealed enclosure

- Temperature stabilized InGaAs detector

