

# SpectraAlyzer

FLOUR



**ZEUTEC**

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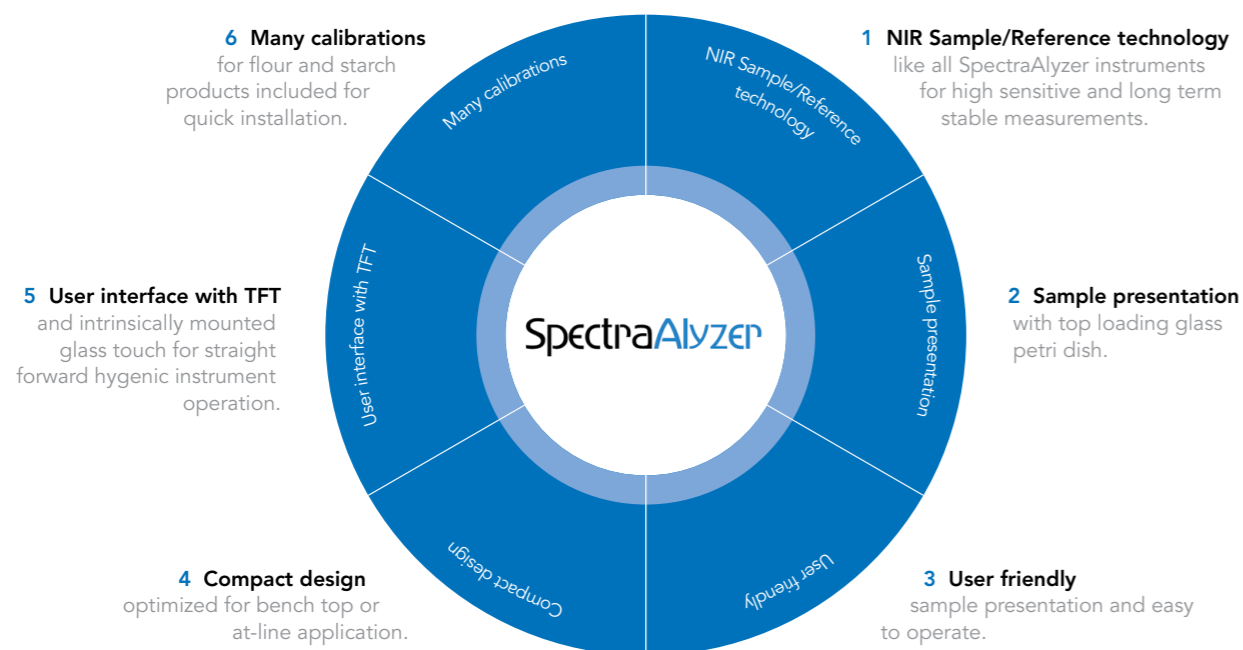
# What it does for you

The SpectraAlyzer FLOUR is the ideal solution for routine analysis of major quality parameters during flour and starch production.

In modern milling operations, reliable and accurate analysis solutions are necessary to provide customers with flour and starch products of highest and - what is most important - consistent quality. In order to be most competitive in the world market, consistent high yields, top blend quality and low production costs are the objectives that need to be achieved. Designed as a modular system, the SpectraAlyzer® FLOUR solution presents the quantitative analytical results of major quality parameters (e.g. moisture, protein, gluten, starch, ash, colour) and many others within 45 seconds. There is no need to manually condition the sample and extra reagents do not have to be used. So this analyzer solution provides highly accurate quality control parameters at no extra cost. As a stand-alone system the SpectraAlyzer® FLOUR can be operated very easily and intuitively – even close to the production line. The rugged construction and unique optical sample/reference setup ensures reliable operation in environments with fluctuating temperatures, vibration and dust. Immediate company wide data visualisation is possible using the embedded webserver, providing actual and historic analytical data in real time. Up and downloading of calibration models as well as analytical data make it a valuable tool for process control.

The SpectraAlyzer® FLOUR analyzer comes with many ready to use calibrations and a powerful software package to facilitate calibration fine tuning and extensive and automated logging as well as database storage of the analytical results on the analyzer, within the mills' intranet and/or the internet.

## FEATURES INCLUDE



# Scope of supply

1 SpectraAlyzer® FLOUR

2 Sample presentation glass petri dish, set of three

3 Handbook, Network cable, Mains supply cable





# Technical data

 made  
in  
Germany

## Design

Spectral range 1400 – 2400 nm

Dual beam system, Sample / reference measurement

High signal to noise > 10000:1

Large expandable internal memory for calibrations, methods and history results

Auto-diagnostics

Graphical user interface, projected capacitive glass touch panel

## Optional Accessories

Keyboard, Mouse, Barcode Reader, Printer, Application work (AWX G2), Colour module

## Analytical Performance

Protein (%)	8 – 16	+/- 0,15
Moisture (%)	8 – 18	+/- 0,10
Wet Gluten (%)	22 – 36	+/- 0,48
Sedimentation	30 – 60	+/- 1
Ash (%)	0,4 – 1,9	+/- 0,01
Colour (520/620nm)	-3,5 – 10,1	+/- 0,32

## Specifications

Screen	TFT 800 x 480 pixel
Power requirements	min. 90 V AC (50 – 60 Hz) max. 260 V AC (50 – 60 Hz), 220 VA
Operating temperature	5 - 40 °C non-condensing
Interfaces	1 x front USB 2.0, 3 x USB 2.0, 2 x RS232, Ethernet
Dimensions	Height: 310 mm / Width: 300 mm / Depth: 480 mm
Weight	16 kg

## Order Information

SpectraAlyzer® 2.0 – TW flour	110-A100-5
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