

# SpectraAlyzer

TW



**ZEUTEC**

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# What it does for you

The SpectraAlyzer® TW is the ideal solution for routine analysis of major quality parameters during food production.

In modern food processing operations, reliable and accurate analysis solutions are necessary to provide customers with products of highest and - what is most important - consistent quality. In order to be most competitive in the world market, consistent high yields, top quality and low production costs are the objectives that need to be achieved. Designed as a modular system, the SpectraAlyzer® TW presents the analytical results of these major quality parameters (e.g. moisture, protein, fat, oil, fiber, ash) and many others within 45 seconds. There is no need to manually condition the sample and extra reagents do not have to be used. This analyzer solution provides highly accurate quality control parameters at no extra cost. As a stand-alone system the analyzer solution can be operated very easily and intuitively – even close to the production line. The rugged construction and internal unique optical sample/reference setup ensures reliable operation in environments with fluctuating temperatures, vibrations and dust.

The SpectraAlyzer® TW 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 company intranet and/or the internet.

## FEATURES INCLUDE

**6 Many calibrations** included for quick installation.

Many calibrations

**1 NIR Sample/Reference technology** like all SpectraAlyzer® instruments for high sensitive and long term stable measurements.

NIR Sample/Reference technology

**5 User interface with TFT** and intrinsically mounted glass touch for straight forward hygienic instrument operation.

User interface with TFT

**2 Simple sample presentation** for food related applications with closed cup and liquid cell assy for powders, pastes, slurries and liquids.

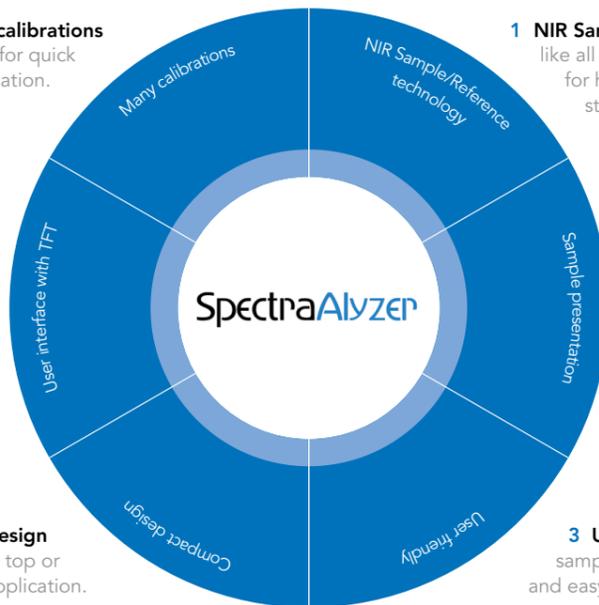
Sample presentation

**4 Compact design** optimized for bench top or at-line application.

Compact design

**3 User friendly** sample presentation and easy to operate.

User friendly



# Scope of supply

1 SpectraAlyzer® TW

2 Handbook, mains supply cable





# Technical data



## Design

For food products

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

## Accessories

Standard calibrations	included
Keyboard	as optional accessory
Barcode reader	as optional accessory
Printer	Thermal ticket or office type printer as optional accessory
WiFi	Wireless LAN as optional accessory
AWX	Application worx, chemometric software package

## 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, Audio out
Measurements	Height: 310 mm / Width: 300 mm / Depth: 480 mm
Weight	16 kg

## Order information

SpectraAlyzer® TW	110-A100-3
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