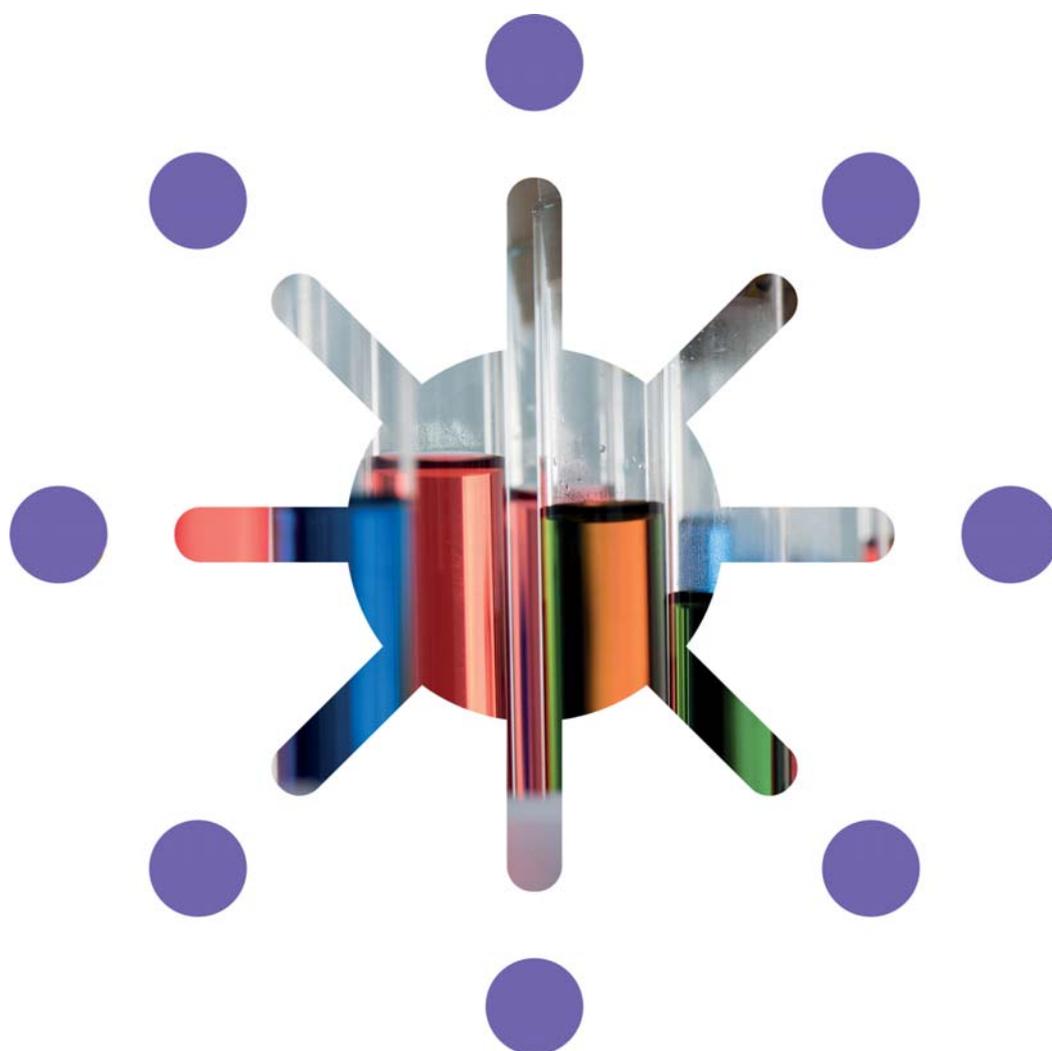
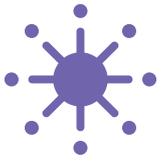


# Multi component product analysis and quality control





## What it does for you

The **SpectraAnalyzer FLEX** is an analyzer that can be adapted to individual needs. This allows parameters of a wide variety of products to be analyzed and monitored. Independent of the sample type, quality checks can be realized.

So, if you have not found a SpectraAnalyzer version that fits your needs in our product range, ask us about the **SpectraAnalyzer FLEX**. The ZEUTEC support group will be available to discuss with you which product parameters can be determined with a specific instrument setup for your application.

In a wide variety of production processes, it is necessary to analyze samples at different stages of the production chain. Often, different physical sample states occur within the production process, such as liquids, granules, powders, pastes and viscous samples.

For the analysis of these different sample types the **SpectraAnalyzer FLEX** offers the possibility to use different drawers and a wide variety of additional sample cups. ZEUTEC can help you define the most suitable sample cups for your products and applications.

The **SpectraAnalyzer FLEX** is also available as top window (TW) version. For many samples this analytical solution provides a very simple sample handling and presentation.

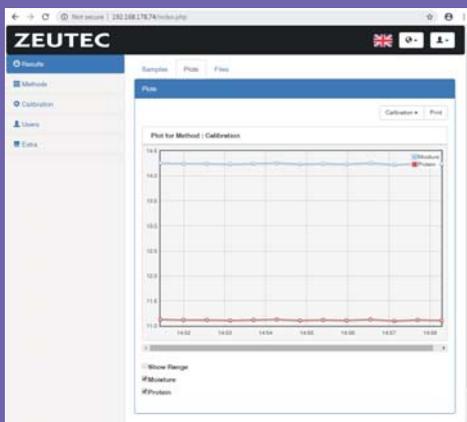
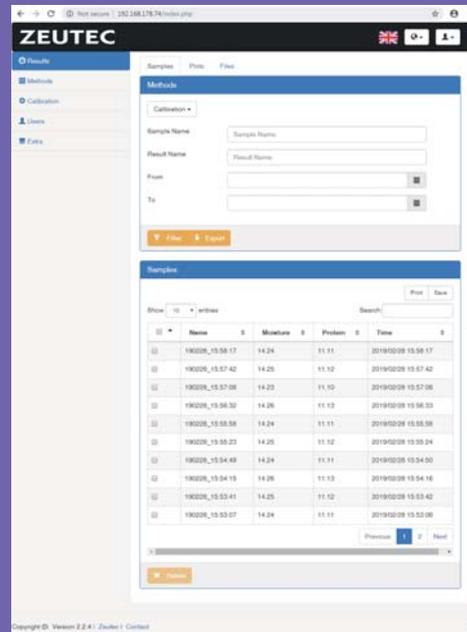
For the **SpectraAnalyzer FLEX** and the **SpectraAnalyzer FLEX TW** various calibrations have been developed for a wide range of different products. In combination with the powerful chemometrics software package AWX G2 (Application work G2) these calibrations can be adapted or fine-tuned and, if required, new calibrations can be developed with a straight forward approach. In addition, the analyzer embedded software provides extensive and automated logging as well as database storage of the analytical results on the analyzer itself or within the companies' intranet and/or the internet.

The **SpectraAnalyzer FLEX** solutions presents the quantitative analytical results of major quality parameters simultaneously within 45 seconds. There is no need to manually condition the sample and extra reagents do not need to be used and disposed, so this analyzer solution provides highly accurate quality control parameters at no extra cost and is environmentally friendly.

As a stand alone system, the **SpectraAnalyzer FLEX** and the **SpectraAnalyzer FLEX TW** can be operated very easily and intuitively for product analysis and quality check, even close to the production line. The rugged construction and unique optical sample/reference setup ensures reliable operation in environments with fluctuating temperatures, vibrations and dust.

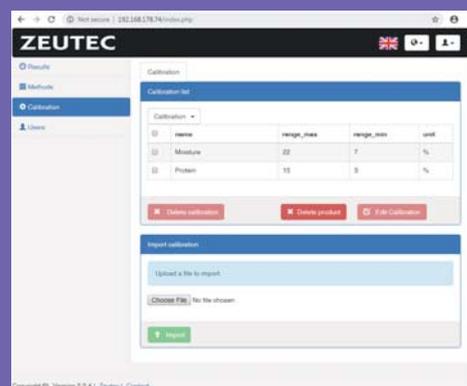
# Online Electronic Lab Logbook

- Full sample and analytical results history
- Filter results by time or sample name
- Search for samples
- Export to Application Worx
- Copy, print or save (PDF / Excel) samples



- Plot multiple properties as graph
- Select / deselect different properties

- Calibration management
- Import feature for new / updated calibrations

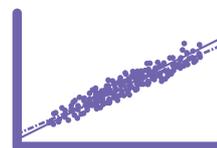


# Key features



## Versatile sample presentation

with closed, open, viscous and slide cups for powders, pastes, slurries and liquids or with glass cups on the top window.



## Many mathematical models

for all kind of products available for quick calibration models installation and start-up.



## NIR sample/reference technology

like all SpectraAlyzer instruments for high sensitive and long term stable measurements.



## Touch user interface

and intrinsically mounted glass touch for straight forward hygienic instrument operation.



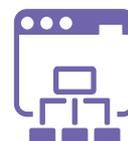
## Compact design

optimised for bench top or at-line application.



## User friendly

sample presentation and easy to operate.



## Web server connectivity

for direct instrument access via LAN and internet from anywhere, any time.

# The SpectraAnalyzer FLEX accessories



Liquid Drawer

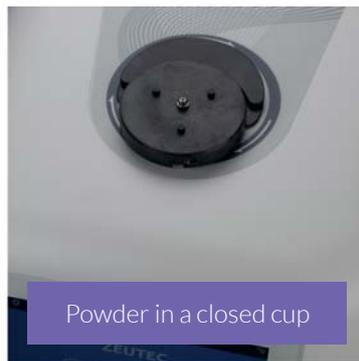
Rotating Drawer

Standard Drawer

# The SpectraAnalyzer FLEX TW accessories



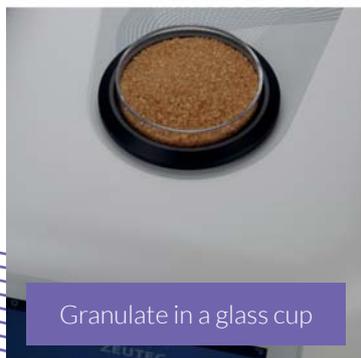
Oil in a glass cup small



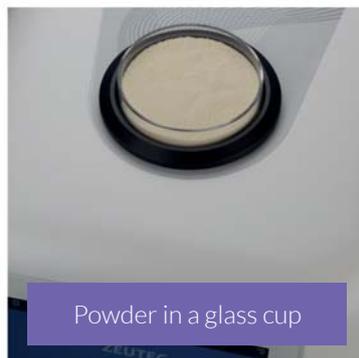
Powder in a closed cup



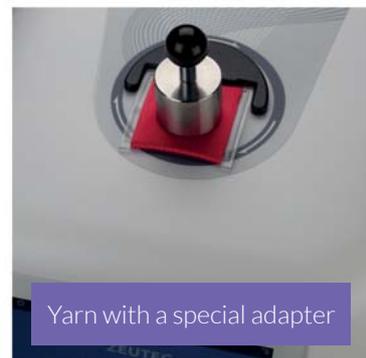
Fiber coil on top window



Granulate in a glass cup



Powder in a glass cup



Yarn with a special adapter

# Technical data

## Design

Spectral range 1400 - 2400 nm

Dual beam system, Sample / reference measurement

High signal to noise ratio > 150.000 : 1

Large expandable internal memory for calibrations, methods and history results

Auto-diagnostics

Graphical user interface, projected capacitive glass touch panel

## Optional Accessories

Keyboard, Barcode Reader, Printer, Application worx (AWX)

## 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 °C - 35 °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	17 kg

## Order information

SpectraAlyzer FLEX	110-A100-11
SpectraAlyzer FLEX TW	110-A100-10

### ZEUTEC Opto-Elektronik GmbH

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**ZEUTEC**

**SpectraAlyzer**  
FLEX 