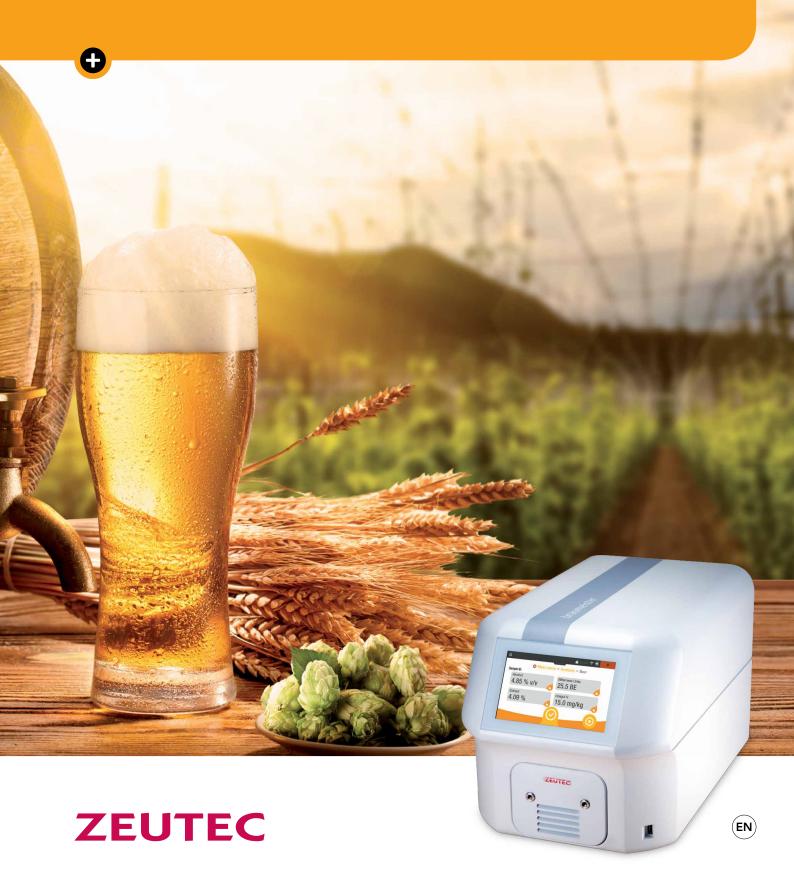
# SpectraAyzer Braumeister



# What it does for you

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The SpectraAlyzer braumeister is the ideal solution for routine analysis of major quality parameters during beer production.

In modern brewing operations, reliable and accurate analytical results 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® braumeister solution presents the analytical results of these major quality parameters in beer and beer mix drinks: alcohol content, density, extracts, bitter units IBU, sugar content, pH, N-content, Invertase content and colour within 45 seconds. There is no need to manually condition the sample and extra (harmful) reagents do not need 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 unique optical sample/reference setup ensures reliable operation in environments with fluctuating temperatures, vibration and dust.

The SpectraAlyzer® braumeister comes with ready to use algorithms 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.



## Data visualization via instrument webserver



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- full sample and analytical results history
- filter / reports by time or sample names
- search for samples
- export to Application Wor
- copy, print or save (PDF / Excel) samples

plot multiple properties in graph

select/deselect different properties

• calibration management

import feature for new/updated calibrat

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SpectraAlyzer Printer (10097)



Peristaltic Pump Modul (104-A100-1)



Barcode Reader (197-00021-1)

ALE

Super E



AutoSampler (103-A100-1)

SpectraAlyzer® Accessories

### Technical data

## made in Germany

### Design

Spectral range 1400 - 2400 nm

Dual beam system, Sample / reference measurement

High signal to noise ratio > 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 worx (AWX), Pump, AutoSampler, Colour module

Liquid cell	
Sample temperature control	15 - 50 °C ± 0.01 °C
Liquid ports	¼"- 28 UNF

 $\label{eq:synchronization} Synchronization to SpectraAlyzer^{\tiny (\! B\!)}, integrated soft control via SpectraAlyzer^{\tiny (\! B\!)}$ 

Analytical Performance	
Alcohol	Reproducability +/- 0,03 %v/v
Alconol	Repeatability +/- 0,01 %v/v

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
Measurements	Height: 310 mm / Width: 300 mm / Depth: 480 mm
Weight	17 kg
Order information	
SpectraAlyzer® braumeister	110-A100-6

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