

SpectraAlyzer

BRAUMEISTER



ZEUTEC

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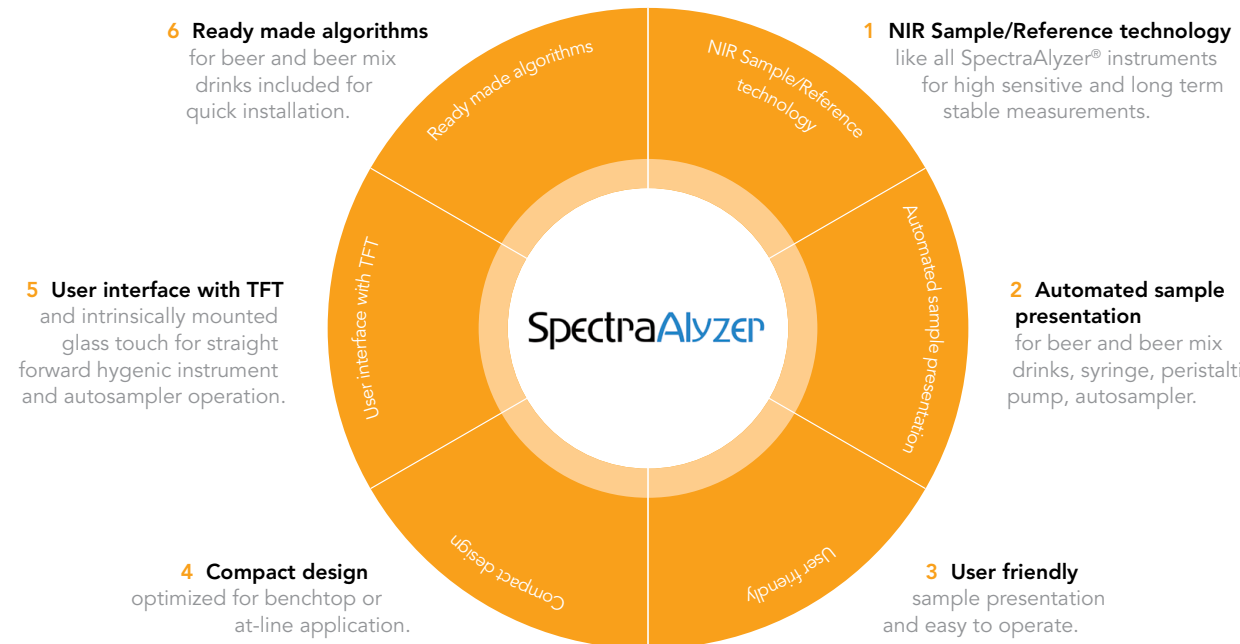
What it does for you

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.

FEATURES INCLUDE



Scope of supply

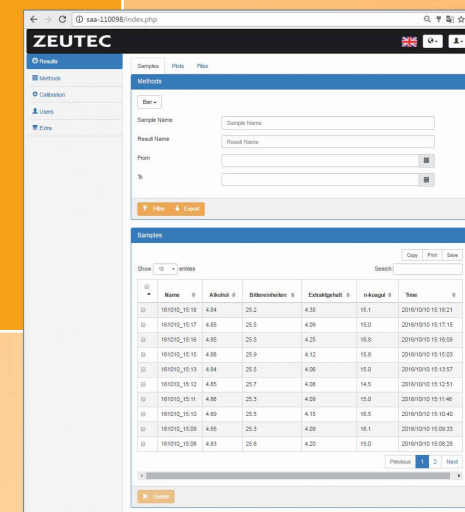
- 1 SpectraAlyzer® braumeister including liquid cell
- 2 Handbook, mains supply cable
- 3 Liquid accessory set



Data visualization via instrument webserver



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



- plot multiple properties in graph
- select/deselect different properties



- calibration management
- import feature for new/updated calibrations

ID	name	range_max	range_min	unit
10	Bitterness Units	100	0	BC
11	Alcohol	10	0	% v/v
12	exract N	100	0	mg/kg
13	Extract	10	0	g/100ml



SpectraAnalyzer® braumeister with AutoSampler



SpectraAnalyzer Printer (10097)



Peristaltic Pump Modul (104-A100-1)



Barcode Reader (197-00021-1)



AutoSampler (103-A100-1)

SpectraAnalyzer® Accessories



Technical data



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 work (AWX), Pump, AutoSampler, Colour module

Liquid cell

Sample temperature control	15 - 50 °C ± 0.01 °C
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Liquid ports	¼" - 28 UNF
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Synchronization to SpectraAnalyzer®, integrated soft control via SpectraAnalyzer®

Analytical Performance

Alcohol	Reproducibility +/- 0,03 %v/v
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Repeatability +/- 0,01 %v/v

Specifications

Screen	TFT 800 x 480 pixel
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Power requirements	min. 90 V AC (50 - 60 Hz), max. 260 V AC (50 - 60 Hz), 220 VA
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Operating temperature	5 °C - 35 °C non-condensing
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Interfaces	1 x front USB 2.0, 3 x USB 2.0, 2 x RS232, Ethernet
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Measurements	Height: 310 mm / Width: 300 mm / Depth: 480 mm
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Weight	17 kg
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Order information

SpectraAnalyzer® braumeister	110-A100-6
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