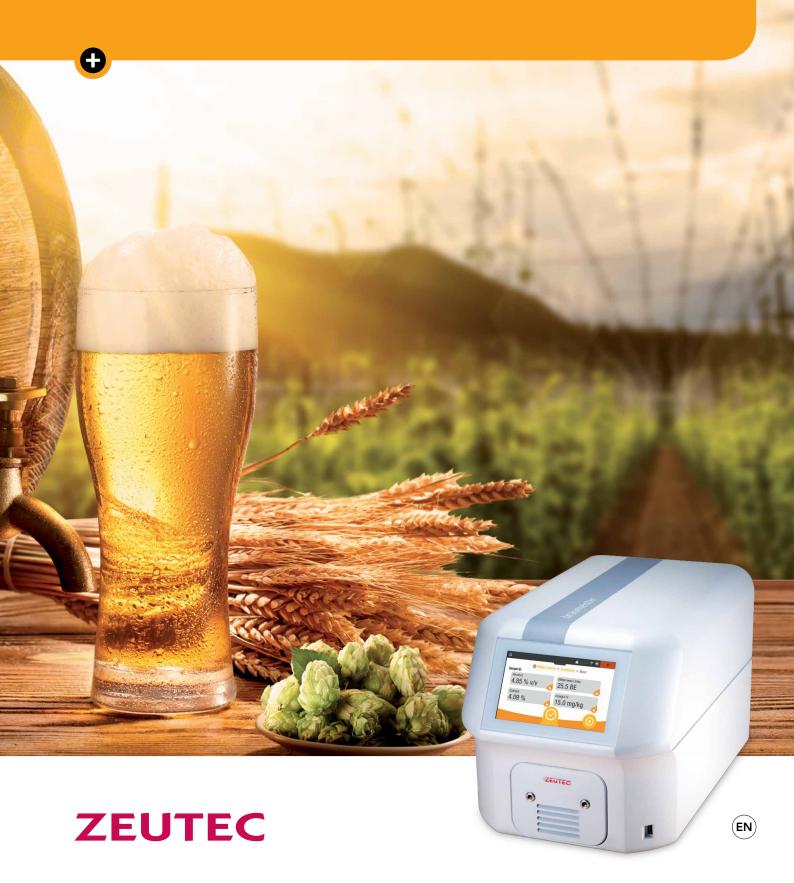
SpectraAyzer Braumeister



What it does for you

 \bullet

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



Ð

Ð

Ð

- 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

ZEUTEC							₩ 0- 1
D Results	Sample	a Picta P	lex				
Methods	Metho	ds					
Calibration	Ber-						
L Users							
Extra	Sample Name		Sarq	de Name			
	Result Name		Res	t Norse			
	From						
	ъ						
		Rev 🕹 Export					
	Sampl						
						Saara	Copy Print Save
	Show	10 • entries				Search	Copy Print Save
			Alkahol 0	Bittereinheiten 0	Extraktgehalt 0	Search: n-koagul 0	Copy Pirt Save
	Show	10 • entries	Alkohol 0 4.84	Bittereinfeellen 0 25.2	Extraktgebalt 0		
	Show	10 • entries Name 0				n-kosgul 0	Tese 0
	Show 0 10	10 • entries Name 0 161010_15:18	4.84	25.2	4.35	n-koagul 0 15.1	Time 0 2016/10/10 15:18:21
	Show D D D D D D	10 • entities Name 0 161010_15:18 161010_15:17 161010_15:16 161010_15:15	4.84 4.85 4.85 4.85	25.2 25.5 25.5 25.9	4.35 4.09 4.25 4.12	n-kosgul 0 15.1 15.0 16.8 15.8	New 0 2018/10/10 15:18:21 2016/10/10 15:18:18:21 2016/10/10 15:17:15 2016/10/10 15:17:15 2016/10/10 15:16:08 2016/10/10 15:15:03
	Show D D D D	10 • entites Name 0 161010_15.18 161010_15.17 161010_15.16	4.84 4.85 4.85	28.2 26.5 26.5	4.35 4.09 4.25	n-koegul 0 15.1 15.0 16.8	Time 0 2018/10/10 15:18:21 2016/10/10 15:17:15 2016/10/10 15:16:08
	Show	10 • entities Name 0 161010_15:18 161010_15:17 161010_15:15 161010_15:13 161010_15:12	4.84 4.85 4.85 4.06 4.04 4.05	252 255 255 259 255 255 255	4.35 4.09 4.25 4.12 4.06 4.08	n-kcegal 0 15.1 15.0 16.8 15.0 15.0 14.5	Time 0 2018/10/10 15.18.21 2018/10/10 15.18.21 2018/10/10 15.17.15 2018/10/10 15.17.15 2018/10/10 15.15.23 2018/10/10 15.15.25 2018/10/10 15.12.51 2018/10/10 15.12.51
	Show D D D D D D	10 • entites Name 0 161010_15.18 161010_15.16 161010_15.16 161010_15.15 161010_15.13 161010_15.12 161010_15.12	4.84 4.85 4.85 4.86 4.84 4.85 4.85 4.85	252 255 255 259 255 255 255 257 253	4.35 4.09 4.25 4.12 4.06 4.05 4.09	n-koagel 0 15.1 15.0 16.8 15.0 15.0 14.5 15.0	Time 0 2016/10/10 15:17:15 2016/10/10 15:17:15 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:10:10 2016/10/10 15:11:46
	Show	10 • entities Name 0 161010_15:18 161010_15:17 161010_15:15 161010_15:13 161010_15:12	4.84 4.85 4.85 4.06 4.04 4.05	252 255 255 259 255 255 255	4.35 4.09 4.25 4.12 4.06 4.08	n-kcegal 0 15.1 15.0 16.8 15.0 15.0 14.5	Time 0 2018/10/10 15.18.21 2018/10/10 15.18.21 2018/10/10 15.17.15 2018/10/10 15.17.15 2018/10/10 15.15.23 2018/10/10 15.15.25 2018/10/10 15.12.51 2018/10/10 15.12.51
	Show	10 • entites Name 0 161010_15.18 161010_15.16 161010_15.16 161010_15.15 161010_15.13 161010_15.12 161010_15.12	4.84 4.85 4.85 4.86 4.84 4.85 4.85 4.85	252 255 255 259 255 255 255 257 253	4.35 4.09 4.25 4.12 4.06 4.05 4.09	n-koagel 0 15.1 15.0 16.8 15.0 15.0 14.5 15.0	Time 0 2016/10/10 15:17:15 2016/10/10 15:17:15 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:16:00 2016/10/10 15:10:10 2016/10/10 15:11:46
	Show	0 • entries Name 0 181010_15:18 181010_15:17 181010_15:18 181010_15:18 181010_15:13 181010_15:12 181010_15:11	4.84 4.85 4.85 4.86 4.84 4.85 4.85 4.86 4.89	252 255 255 259 255 257 257 253 255	435 400 425 412 406 408 409 415	n-kcagal 0 15.1 15.0 16.8 15.0 15.0 14.5 15.0 14.5 15.0 16.5	Time 0 2016/10/10 15:11:62 2016/10/10 15:11:62 2016/10/10 15:10:02 2016/10/10 15:10:02 2016/10/10 15:10:02 2016/10/10 15:10:12:51 2016/10/10 15:10:10 2016/10/10 15:10:10 2016/10/10 15:10:10 2016/10/10 15:10:10
	Show 0 10 10 10 10 10 10 10 10 10	10 • orthies Name 0 16:050_15:18 16:050_15:19 16:050_15:19 16:050_15:19 16:050_15:12 16:050_15:10 16:050_15:10 16:050_15:00 16:050_15:00	4.84 4.85 4.85 4.86 4.84 4.84 4.85 4.85 4.85	252 255 255 259 259 255 257 253 255 255 253	435 409 425 412 406 406 409 415 409	n-kospal 0 15.1 15.0 16.8 15.0 14.5 15.0 16.5 15.1 15.0 15.0	Time 0 2019/10/10 15:17:15 2019/10/10 15:17:15 2019/10/10 15:10:20 2019/10/10 15:10:20 2019/10/10 15:10:20 2019/10/10 15:10:20 2019/10/10 15:10:20 2019/10/10 15:10:20 2019/10/10 15:10:20 2019/10/10 15:10:20 2019/10/10 15:10:20 2019/10/10 15:10:20 2019/10/10 15:10:20 2019/10/10 15:10:20 2019/10/10 15:10:20 2019/10/10 15:10:20







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			

ZEUTEC Opto-Elektronik GmbH

Friedrich-Voß-Straße 11, 24768 Rendsburg T (+49) 4331 - 136650 E moreinfo@zeutec.de www.spectraalyzer.com

