

Technical Data - AlcoLyzer Beer Analyzing System

Standard methods
ASBC Beer-4G: Near-Infrared and Original Extract Content (2004), BCoJ BCOJ: analytical method for beer, BCoJ 8.3.6 AlcoLyzer for Alcohol Contents, BCoJ 8.4.3 AlcoLyzer for Real Extract, EBC Chapter 9.2.6, Mebak Chapter 2.9.6.3, Mebak Chapter 2.12.2

Measuring range:	
Alcohol	0 to 12 %v/v
Original extract	0 to 30 °Plato
Extract	0 to 20 %w/w
Density	0 to 3 g/cm ³
Color (optional)	0 to 120 EBC
ph value (optional)	0 to 14
Turbidity (optional)	0 to 100 EBC
Repeatability s.d:	
Alcohol	0.01 %v/v
Original extract	0.03 °Plato
Extract	0.01 %w/w
Density	0.00001 g/cm ³ (DMA 4500 M) / 0.000001 g/cm ³ (DMA 5000 M)
Color (optional)	0.1 EBC
ph value (optional)	0.02
Turbidity (optional)	0.02 EBC
Additional information:	
Temperature control	Integrated Peltier thermostat
Minimum amount of sample	30 mL degassed beer per measurement
Typical measuring time per sample	4 minutes (incl. filling)
Dimensions (L x W x H)	482 x 730 x 446 mm (19.0 x 28.7 x 17.6 inches)
Weight	approx. 35.7 kg (77 lbs)
Power supply	AC 100 to 240 V; 50 to 60 Hz; 50 to 80 VA
Interfaces	4 x USB, Ethernet, VGA, CAN, RS-232