Technical Data - Alex 500

Technical Specifications	
Density:	
Measuring range	0.95 g/cm³ to 1.2 g/cm³
Accuracy	0.001 g/cm³
Repeatability, s.d.	0.0005 g/cm³
Digital Resolution	0.0001 g/cm³
Alcohol:	
Measuring range	Beer: 0.5 %v/v to 15 %v/v Wine: 8 %v/v to 20 %v/v Cider: 2 %v/v to 10 %v/v Spirits & liqueurs: 10 %v/v to 41 %v/v Sake: 5 %v/v to 20 %v/v
Accuracy	0.2 %v/v for beer, wine, cider, sake, and spirits with a total extract of <100 g/L 0.4 %v/v for liqueurs with a total extract between 100 g/L and 450 g/L
Repeatability, s.d.	0.1 %v/v
Digital Resolution	0.01 %v/v
Other specifications:	
Sample volume	approx. 40 mL degassed sample per measurement
Output parameters, standard mode	Alcohol at 15 °C or 20 °C, density, SG, apparent/total/real/original extract, original/present gravity, real/apparent degree of fermentation, calories, degrees lost, spirit indication, Nihonshu-do, Ekisu
Output parameters, fermentation monitor mode	Density, SG, °Brix, °Balling, °Plato, °Baumé, °KMW, °Öchsle, °Babo
Sample filling	Integrated peristaltic pump
Adjustment	Deionized water
Dimensions (L x W x H)	320 mm x 230 mm x 100 mm(12.6 in x 9.1 in x 3.9 in)
Weight	2.4 kg (5.3 lbs)
Power supply	AC 100 to 240 V, 50/60 Hz, 1 A; DC 15 V, 2.6 A
Controls	Softkeys
Ambient temperature	10 °C to 32 °C (50 °F to 89.6 °F)
Communication interfaces	1 x Bluetooth, 1 x USB-B, 1 x RS-232
Internal storage	Standard mode: 1000 measured results Fermentation monitor mode: 40 fermentation IDs; 100 measured results per ID
Included accessories	Connection cable to PC; peristaltic pump incl. hoses
Available accessories	Portable Bluetooth® printer/ Serial printer/ Sample preparation kit