



WZB Portable Refractometers

ABBE Digital Refractometer



- Temperature measurement range: 0 – 40°C (32 – 104°F) ;
- Precision of measurement temperature: ±0.5°C (1°F) ;
- Dimension: 135×65×40mm;
- Net weight: 200g;
- Power supply: 2×AAA(1.5V);
- Wide choice: over 20 models available;
- Automatic temperature compensation;
- Automatic power management.

Specifications

Model	Scale	Range	Min. reading	Accuracy
WZB 35	Brix(%) Refractive index	0 – 35% 1.3330 – 1.3900	0.1 0.0001	±0.2 ±0.0003
WZB 45	Brix(%) Refractive index	0 – 45% 1.3330 – 1.4098	0.1 0.0001	±0.2 ±0.0003

WZB 85	Brix(%) Refractive index	0 – 85% 1.3330 – 1.5100	0.1 0.0001	±0.5 ±0.0005
WZB 92	Brix(%) Refractive index	58 – 92% 1.4370 – 1.5233	0.1 0.0001	±0.2 ±0.0003
WZB HN1	Brix(%) °B'e	58 – 92% 38 – 43	0.1 0.1	±0.2 ±0.1
	Water(IHC2002)	17 – 27	0.1	±0.1
	Refractive index	1.4370 – 1.5233	0.0001	±0.0003
WZB HN2	°B'e Water(IHC2002)	58 – 92% 38 – 43	0.1 0.1	±0.2 ±0.1
		17 – 27	0.1	±0.1
	Refractive index	1.4370 – 1.5233	0.0001	±0.0003
WZB A1	Salinity Refractive index	0 – 28% 1.3330 – 1.3900	0.1 0.0001	±0.2 ±0.0003
WZB S1	Brix(%) Salinity	0 – 35% 0 – 28%	0.1 0.1	±0.2 ±0.2
	Refractive index	1.3330 – 1.3900	0.0001	±0.0003
WZB WN1	MASS S/W(%) VOL AP(%)	0 – 35% 0 – 22%	0.1 0.1	±0.2 ±0.1
	Oe(Germany)	0 – 150	1	±1
	KMW	0 – 25	0.1	±0.1
WZB WN2	MASS S/W(%) VOL AP(%)	0 – 35% 0 – 22%	0.1 0.1	±0.2 ±0.1

	Oe(Germany)	30 – 150	1	±1
	KMW	0 – 25	0.1	±0.1
WZB WN3	MASS S/W(%) VOL AP(%)	0 – 35% 0 – 22%	0.1 0.1	±0.2 ±0.1
	Oe(Switzerland)	0 – 150	1	±1
	KMW	0 – 25	0.1	±0.1
WZB R1	SERUM P.(g/dl) URINE SP.G	0 – 12g/dl 1.000– 1.050	0.1 0.001	±0.1 ±0.001
	Refractive index	1.3330 – 1.3900	0.0001	±0.0003
WZB R2	SERUM P.(g/dl) URINE SP.G(dog)	0 – 14g/dl 1.000– 1.060	0.1 0.001	±0.1 ±0.001
	Refractive index	1.3330 – 1.3900	0.0001	±0.0003
WZB R3	SERUM P.(g/dl) URINE SP.G(cat)	0 – 14g/dl 1.000– 1.060	0.1 0.001	±0.1 ±0.001
	Refractive index	1.3330 – 1.3900	0.0001	±0.0003
WZB L1	Alcohol	0~60% v/v	0.1	±0.3
WZB L2	Alcohol	0~60% w/w	0.1	±0.5
WZB L5	Methanol	0~60% w/w	0.1	±0.5
WZB K1	Soybean milk concentration	0~35%	0.1°	±0.3
WZB C1	Glycol	32 ~—50°F	0.1°F	±1°F
	Propanediol	32~—50°F	0.1°F	±1°F

	Battery fluid	1.00~1.50sg	0.01sg	±0.01sg
	Clearance	0~—40°F	0.1°F	±1°F
WZB C2	Glycol Propanediol	0~—50°C 0~—50°C	0.1°C 0.1°C	±1°C ±1°C
	Battery fluid	1.00~1.50sg	0.01sg	±0.01sg
	Clearance	0~—40°C	0.1°C	±1°C
WZB C3	Glycol Propanediol	0~80% 0~70%	0.1% 0.1%	±0.3% ±0.3%