



## Portable Digital Refractometers

### Characteristics

- Temperature measurement range: 0°C–40°C(32°F– 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 (%)	0~35%	0.1	± 0.2
	Refractiv Index	1.3330~1.3900	0.0001	± 0.0003
WZB 45	Brix (%)	0~45%	0.1	± 0.2
	Refractiv Index	1.3330~1.4098	0.0001	± 0.0003
WZB 85	Brix (%)	0~85%	0.1	± 0.5
	Refractiv Index	1.3330~1.5100	0.0001	± 0.0005
WZB 92	Brix (%)	58~92%	0.1	± 0.2
	Refractiv Index	1.4370~1.5233	0.0001	± 0.0003
WZB HN1	Brix (%)	58~92%	0.1	± 0.2
	° B' e	38~43	0.1	± 0.1
	Water (IHC2002) Refractiv Index	13~25 1.4370~1.5233	0.1 0.0001	± 0.1 ± 0.0003
WZB HN2	Brix (%)	58~92%	0.1	± 0.2
	° B' e	38~43	0.1	± 0.1
	Water (GB/T18796-2012) Refractiv Index	17~27 1.4370~1.5233	0.1 0.0001	± 0.1 ± 0.0003
WZB A1	salinity	0~28%	0.1	± 0.2
	Refractiv Index	1.3330~1.3900	0.0001	± 0.0003
WZB S1	Brix (%)	0~35%	0.1	± 0.2
	salinity	0~28%	0.1	± 0.2
	Refractiv Index	1.3330~1.3900	0.0001	± 0.0003
WZB WN1	MASS S/W(%)	0~35%	0.1	± 0.2
	VOL AP(%)	0~22%	0.1	± 0.1
	Oe(Germany)	0~150	1	± 1
	KMW	0~25	0.1	± 0.1
WZB WN2	MASS S/W (%)	0~35%	0.1	± 0.2
	VOL AP(%)	0~22%	0.1	± 0.1
	Oe(Germany)	30~150	1	± 1
	KMW	0~25	0.1	± 0.1
WZB WN3	MASS S/W (%)	0~35%	0.1	± 0.2
	VOL AP(%)	0~22%	0.1	± 0.1
	Oe(Switzerland)	0~150	1	± 1
	KMW	0~25	0.1	± 0.1
WZB R1	SERUM P. (g/dl)	1.000~1.050	0.001	± 0.001
	URINE SP.G	0~12g/dl	0.1	± 0.1
	Refractiv Index	1.3330~1.3900	0.0001	± 0.0003
WZB R2	SERUM P. (g/dl)	0~14g/dl	0.1	± 0.1
	URINE SP.G (dog)	1.000~1.060	0.001	± 0.001
	Refractiv Index	1.3330~1.3900	0.0001	± 0.0003
WZB R3	SERUM P. (g/dl)	0~14g/dl	0.1	± 0.1
	URINE SP.G (cat)	1.000~1.060	0.001	± 0.001
	Refractiv 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	0~-50°C	0.1°C	± 1°C
	Propanediol	0~-50°C	0.1°C	± 1°C
	Battery fluid	1.00~1.50sg	0.01sg	± 0.01sg
	Clearance	0~-40°C	0.1°C	± 1°C