



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 (%) Refractiv Index	0~35% 1.3330~1.3900	0.1 0.0001	± 0.2 ± 0.0003
WZB 45	Brix (%) Refractiv Index	0~45% 1.3330~1.4098	0.1 0.0001	± 0.2 ± 0.0003
WZB 85	Brix (%) Refractiv Index	0~85% 1.3330~1.5100	0.1 0.0001	± 0.5 ± 0.0005
WZB 92	Brix (%) Refractiv Index	58~92% 1.4370~1.5233	0.1 0.0001	± 0.2 ± 0.0003
WZB HN1	Brix (%) ° B' e Water (IHC2002) Refractiv Index	58~92% 38~43 13~25 1.4370~1.5233	0.1 0.1 0.1 0.0001	± 0.2 ± 0.1 ± 0.1 ± 0.0003
WZB HN2	Brix (%) ° B' e Water (GB/T18796-2012) Refractiv Index	58~92% 38~43 17~27 1.4370~1.5233	0.1 0.1 0.1 0.0001	± 0.2 ± 0.1 ± 0.1 ± 0.0003
WZB A1	salinity Refractiv Index	0~28% 1.3330~1.3900	0.1 0.0001	± 0.2 ± 0.0003
WZB S1	Brix (%) salinity Refractiv Index	0~35% 0~28% 1.3330~1.3900	0.1 0.1 0.0001	± 0.2 ± 0.2 ± 0.0003
WZB WN1	MASS S/W(%) VOL AP(%) Oe(Germany) KMW	0~35% 0~22% 0~150 0~25	0.1 0.1 1 0.1	± 0.2 ± 0.1 ± 1 ± 0.1
WZB WN2	MASS S/W (%) VOL AP(%) Oe(Germany) KMW	0~35% 0~22% 30~150 0~25	0.1 0.1 1 0.1	± 0.2 ± 0.1 ± 1 ± 0.1
WZB WN3	MASS S/W (%) VOL AP(%) Oe(Switzerland) KMW	0~35% 0~22% 0~150 0~25	0.1 0.1 1 0.1	± 0.2 ± 0.1 ± 1 ± 0.1
WZB R1	SERUM P. (g/dl) URINE SP.G Refractiv Index	1.000~1.050 0~12g/dl 1.3330~1.3900	0.001 0.1 0.0001	± 0.001 ± 0.1 ± 0.0003
WZB R2	SERUM P. (g/dl) URINE SP.G (dog) Refractiv Index	0~14g/dl 1.000~1.060 1.3330~1.3900	0.1 0.001 0.0001	± 0.1 ± 0.001 ± 0.0003
WZB R3	SERUM P. (g/dl) URINE SP.G (cat) Refractiv Index	0~14g/dl 1.000~1.060 1.3330~1.3900	0.1 0.001 0.0001	± 0.1 ± 0.001 ± 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 Propanediol Battery fluid Clearance	32~-50°F 32~-50°F 1.00~1.50sg 0~-40°F	0.1°F 0.1°F 0.01sg 0.1°F	± 1°F ± 1°F ± 0.01sg ± 1°F
WZB C2	Glycol Propanediol Battery fluid Clearance	0~-50°C 0~-50°C 1.00~1.50sg 0~-40°C	0.1°C 0.1°C 0.01sg 0.1°C	± 1°C ± 1°C ± 0.01sg ± 1°C



WZB-F Portable Digital Refractometers(Waterproof)

Characteristics

- Large TFT backlight color screen
- A variety of range selection, more free combination
- Automatic temperature compensation function
- User – defined zero – point mode, can easily adapt to different measuring environment
- Ergonomic design, environmental and durable materials
- Light interference
- Verification by international authority :IP65 grade waterproof and dustproof, CE, Rohs

Specifications

Model	Scale	Range	Min. reading	Accuracy
WZB-F 35	Brix (%)	0~35%	0.1	± 0.2
	Refractiv Index	1.3330~1.3900	0.0001	± 0.0003
WZB-F 45	Brix (%)	0~45%	0.1	± 0.2
	Refractiv Index	1.3330~1.4098	0.0001	± 0.0003
WZB-F 85	Brix (%)	0 - 85%	0.1	± 0.5
	Refractiv Index	1.3330 - 1.5100	0.0001	± 0.0005
WZB-F 92	Brix (%)	58~92%	0.1	± 0.2
	Refractiv Index	1.4370~1.5233	0.0001	± 0.0003
WZB-F HN1	Brix (%)	58~92%	0.1	± 0.2
	° B' e	38~43	0.1	± 0.1
	Water (IHC2002)	13~25	0.1	± 0.1
	Refractiv Index	1.4370~1.5233	0.0001	± 0.0003
WZB- F A1	salinity	0~28%	0.1	± 0.2
	Refractiv Index	1.3330~1.3900	0.0001	± 0.0003
WZB-F 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-F L1	Alcohol	0~60%v/v	0.1	± 0.3
WZB-F L2	Alcohol	0~60%w/w	0.1	± 0.3
Temperature Range		0℃~40℃ (30 ℉ ~104 ℉)		
Temperature Accuracy		± 0.5℃ (1 ℉)		
ATC Range		5℃~40℃ (30 ℉ ~104 ℉)		
Net Weight		200g		
Dimension		145mm 67mm 38mm		