

Portable Digital Refractometers



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Advantages

- Temperature measurement range:0 – 40 °C (2 – 104 °F).
- Precision of measurement temperature:±0.5 °C (1 °F).
- Wide choice: over 20 models available.
- Automatic temperature compensation.
- Automatic power management.

Specifications

Model	Scale	Range	Min. reading	Accuracy
RF-PD35	Brix(%)	0 – 35%	0.1	±0.2
	Refractive index	1.3330 – 1.3900	0.0001	±0.0003
RF-PD45	Brix(%)	0 – 45%	0.1	±0.2
	Refractive index	1.3330 – 1.4098	0.0001	±0.0003
RF-PD85	Brix(%)	0 – 85%	0.1	±0.5
	Refractive index	1.3330 – 1.5100	0.0001	±0.0005
RF-PD92	Brix(%)	58 – 92%	0.1	±0.2
	Refractive index	1.4370 – 1.5233	0.0001	±0.0003
RF-PDN1	Brix(%)	58 – 92%	0.1	±0.2
	°B°e	38 – 43	0.1	±0.2
	Water(IHC2002)	17 - 27	0.1	±0.2
	Refractive index	1.4370 – 1.5233	0.0001	±0.0003

Specifications

Model	Scale	Range	Min. reading	Accuracy
RF-PDN2	°B°e	58 – 92%	0.1	±0.2
	Water(IHC2002)	38 – 43	0.1	±0.2
	Refractive index	17 - 27	0.1	±0.2
		1.4370 – 1.5233	0.0001	±0.0003
RF-PDA1	Salinity	0 – 28%	0.1	±0.2
	Refractive index	1.3330 – 1.3900	0.0001	±0.0003
RF-PDS1	Brix(%)	0 – 35%	0.1	±0.2
	Salinity	0 – 28%	0.1	±0.2
	Refractive index	1.3330 – 1.3900	0.0001	±0.0003
RF-PDWN1	MASS S/W(%)	0 – 35%	0.1	±0.2
	VOL AP(%)	0 – 22%	0.1	±0.2
	Oe(Germany)	0 – 150	1	±1
	KMW	0 – 25	0.1	±0.2
RF-PDWN2	MASS S/W(%)	0 – 35%	0.1	±0.2
	VOL AP(%)	0 – 22%	0.1	±0.2
	Oe(Germany)	30 – 150	1	±1
	KMW	0 – 25	0.1	±0.2
RF-PD2WN3	MASS S/W(%)	0 – 35%	0.1	±0.2
	VOL AP(%)	0 – 22%	0.1	±0.2
	Oe(Switzerland)	0 – 150	1	±1
	KMW	0 – 25	0.1	±0.2
RF-PDR1	SERUM P.(g/dl)	0 – 12g/dl	0.1	±0.1
	URINE SP.G	1.000– 1.050	0.001	±0.001
	Refractive index	1.3330 – 1.3900	0.0001	±0.0003
RF-PDR2	SERUM P.(g/dl)	0 – 14g/dl	0.1	±0.1
	URINE SP.G(dog)	1.000– 1.060	0.001	±0.001
	Refractive index	1.3330 – 1.3900	0.0001	±0.0003
RF-PDR3	SERUM P.(g/dl)	0 – 14g/dl	0.1	±0.1
	URINE SP.G(cat)	1.000– 1.060	0.001	±0.001
	Refractive index	1.3330 – 1.3900	0.0001	±0.0003
RF-PDL1	Alcohol	0~60% v/v	0.1	±0.3
RF-PDL2	Alcohol	0~60% w/w	0.1	±0.3
RF-PDL5	Methanol	0~60% w/w	0.1	±0.5
RF-PDK1	Soybean milk concentration	0~35%	0.1°	±0.3
RF-PDC1	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
RF-PDC2	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
RF-PDC3	Glycol	0~80%	0.1%	±0.3%
	Propanediol	0~70%	0.1%	±0.3%
RF-PDC5	EG	0~(-50)°C/32~(-58)°F	0.1°C /0.1°F	±0.5°C /±1°F
	PG	0~(-50)°C/32~(-58)°F	0.1°C /0.1°F	±0.5°C /±1°F
	Urea	0~40%	0.1	±0.2
	WCL	0~(-40)°C/32~(-40)°F	0.1°C /0.1°F	±0.5°C /±1°F
Power Supply	2×AAA (1.5V)			
Shipping Size (WxDxH) (mm)	200x80x60			
Gross Weight (G)	300			

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