

BIOBASE®

Refractometer Portable Digital Refractometers



PDR-series



PDR-F series

Features:

- * Wide choice-over 20 models available
- * Automatic temperature compensation
- * Automatic power management
- * With IP65 verification of waterproof and dustproof (only PDR-F series)

Technical Parameters:

Model	Scale	Range	Min. Reading	Accuracy	Temp. Range	Temp. Precision	Power Supply	Packing Size (W*D*H)mm	G.W. (kg)
PDR-35	Brix (%)	0~35%	0.1	±0.2	0°C~40°C (32°F~104°F)	± 0.5°C(1°F)	2 x AAA (1.5V)	165*95*60	0.35
	Refractiv Index	1.3330~1.3900	0.0001	±0.0003					
PDR-45	Brix (%)	0~45%	0.1	±0.2					
	Refractiv Index	1.3330~1.4098	0.0001	±0.0003					
PDR-85	Brix (%)	0~85%	0.1	±0.5					
	Refractiv Index	1.3330~1.5100	0.0001	±0.0005					
PDR-92	Brix (%)	58~92%	0.1	±0.2					
	Refractiv Index	1.4370~1.5233	0.0001	±0.0003					
PDR- 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					
PDR-HN2	Brix (%)	58~92%	0.1	±0.2					
	° B, e	38~43	0.1	±0.1					
	Water (IHC2002)	17~27	0.1	±0.1					
	Refractiv Index	1.4370~1.5233	0.0001	±0.0003					
PDR-A1	Salinity	0~28%	0.1	±0.2					
	Refractiv Index	1.3330~1.3900	0.0001	±0.0003					
PDR-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					

Technical Parameters:

Model	Scale	Range	Min. Reading	Accuracy	Temp. Range	Temp. Precision	Power Supply	Packing Size (W*D*H)mm	G.W. (kg)
PDR-R1	SERUM P. (g/dl)	1.000~1.050	0.001	±0.001	0°C~40°C (32°F~104°F)	± 0.5°C(1°F)	2 x AAA (1.5V)	165*95*60	0.35
	URINE SP.G	0~12g/dl	0.1	±0.1					
	Refractiv Index	1.3330~1.3900	0.0001	±0.0003					
PDR-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					
PDR-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					
PDR-L1	Alcohol	0~60%v/v	0.1	±0.3					
PDR-L2	Alcohol	0~60%w/w	0.1	±0.5					
PDR-L5	Methanol	0~60%w/w	0.1	±0.5					
PDR-FWN1	Brix (%)	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					
PDR-FWN2	Brix (%)	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					
PDR-FWN3	Brix (%)	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					
PDR-FK1	Soybean milk concentration	0~35%	0.1	±0.3					
PDR-FC1	Glycol	32~50°F	0.1 °F	±1 °F					
	Propanediol	32~50°F	0.1 °F	±1 °F					
	Battery fluid	1.00~1.50sg	0.01 sg	± 0.01 sg					
	Glass water	32~40°F	0.1 °F	±1 °F					
PDR-FC2	Glycol	0~50°C	0.1 °C	±1 °C					
	Propanediol	0~50°C	0.1 °C	±1 °C					
	Battery fluid	1.00~1.50sg	0.01 sg	± 0.01 sg					
	Glass water	0~40°C	0.1 °C	±1 °C					

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