

BIOBASE®

Portable Digital Refractometers



PDR-series



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-WN1	MASS S/W(%)	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
	VOL AP(%)	0~22%	0.1	±0.1					
	Oe(Germany)	0~150	1	±1					
	KMW	0~25	0.1	±0.1					
PDR-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					
PDR-WN3	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					
PDR-K1	Soybean milk concentration	0~35%	0.1	±0.3					
PDR-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	0.01 sg	± 0.01 sg					
	Clearance	0~40°F	0.1 °F	±1 °F					
PDR-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	0.01 sg	± 0.01 sg					
	Clearance	0~40°C	0.1°C	±1 °C					

Refractometer

Application:

BK-R670 Automatic Refractometer includes high-performance CCD light-sensitive part, can accurately and efficiently process sample analysis tests through unique signal acquisition, analysis and processing technology.



Features:

- * Cloud service system, connecting cloud database with instruments;
- * 7" LCD touch screen and innovative WINDOWS software interface
- * 2 USB ports, RS232 port and internet port for connecting printer or internet, U disk and SD card port for data exporting.
- * Perfect measuring prism
Measuring prism is made of high hardness sapphire glass, of excellent properties against corrosion and scratches, free for clean and durable.
- * Ultra long life light source
It adopts High brightness LED lights with service life exceeding 100000 hours
- * Auto temperature control system
It adopts Peltier temperature control system, make sure the whole testing with accuracy and constant temperature.

Technical Parameters:

Model	BK-R670
Refractive Index Measuring Range	1.30000~1.70000nD
Measuring Error	±0.0001nD
Measuring Resolution	0.0001/0.00001(switchable)
Brix Measuring Range	0~100%
Measuring Error (Brix)	±0.1%
Measuring Resolution (Brix)	0.1%/0.01%(switchable)
Temperature Control Mode	Peltier temperature controller
Temperature Measuring Range	0~100°C
Temperature Control Range	5~80°C
Temperature Control Accuracy	±0.02°C
Interface	RS232, USB, Ethernet interface
Data Storage Capacity	4G
Display	7" TFT LCD touch screen
Consumption	45W
Power Supply	100~240VAC (15V 7.0A)
External Size(W*D*H)	365*300*150mm
Package Size(W*D*H)	490*420*300mm
Gross Weight	8kg

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