

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 |
| | Refract Index | 1.3330~1.3900 | 0.0001 | ±0.0003 | | | | | |
| PDR-45 | Brix (%) | 0~45% | 0.1 | ±0.2 | | | | | |
| | Refract Index | 1.3330~1.4098 | 0.0001 | ±0.0003 | | | | | |
| PDR-85 | Brix (%) | 0~85% | 0.1 | ±0.5 | | | | | |
| | Refract Index | 1.3330~1.5100 | 0.0001 | ±0.0005 | | | | | |
| PDR-92 | Brix (%) | 58~92% | 0.1 | ±0.2 | | | | | |
| | Refract 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 | | | | | |
| | Refract 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 | | | | | |
| | Refract Index | 1.4370~1.5233 | 0.0001 | ±0.0003 | | | | | |
| PDR-A1 | Salinity | 0~28% | 0.1 | ±0.2 | | | | | |
| | Refract 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 | | | | | |
| | Refract 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 | | | | | |
| | Refract 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 | | | | | |
| | Refract 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 | | | | | |
| | Refract Index | 1.3330~1.3900 | 0.0001 | ±0.0003 | | | | | |
| PDR-L1 | Alcohol | 0~60%w/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 | | | | | |