

Digital Refractometer



Features

- Portable and Exquisite
- Low prices
- Low power consumption
- Anti-toss design
- High accurate sensor

Models

- PDR-108-1: Brix (Optional: Dextran, Lactose, Maltose)
- PDR-108-2: Salinity (sodium chloride NaCl)
- PDR-108-3: Salinity (sea water)

| Model No. | Series | Scale's Name | Scale's No. | Range | Resolution | Accuracy |
|-----------|------------------------------------|--------------------|-------------|-----------------|------------|-----------|
| PDR-108-1 | Brix | Brix | S01 | 0.0-50.0% | 0.1% | ±0.2% |
| | | Refractive Index | S02 | 1.3330-1.4200nD | 0.0001nD | ±0.0003nD |
| | | Dextran (optional) | S03 | 0.0-10.6% | 0.1% | ±0.2% |
| | | Lactose (optional) | S04 | 0.0-16.5% | 0.1% | ±0.2% |
| | | Maltose (optional) | S05 | 0.0-15.6% | 0.1% | ±0.2% |
| PDR-108-2 | Salinity "sodium chloride NaCl" | Salinity | S01 | 0.0-28.0% | 0.1% | ±0.2% |
| | | Salinity | S02 | 0-280‰ | 1‰ | ±2‰ |
| | | Specific gravity | S03 | 1.000-1.217 | 0.001 | ±0.002 |
| | | Refractive Index | S04 | 1.3330-1.4200nD | 0.0001nD | ±0.0003nD |
| PDR-108-3 | Salinity "sea water" | Salinity | S01 | 0-100‰ | 1‰ | ±2‰ |
| | | Chlorinity | S02 | 0-57‰ | 1‰ | ±2‰ |
| | | Specific gravity | S03 | 1.000-1.070 | 0.001 | ±0.002 |
| | | Refractive Index | S04 | 1.3330-1.4200nD | 0.0001nD | ±0.0003nD |

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|-----------------------------|--|
| Measurement Temp. | 0~40°C (ATC) |
| Environment Temp. | 0~40°C |
| Sample volume needed | > 0.2ml |
| Measure time | 2S |
| Protection class | IP65 |
| Power supply | 1 x AAA battery |
| Dim/ G.W. | 58 x 25 x 21mm, 90g(excluding battery) |

