

DR-A1-Plus

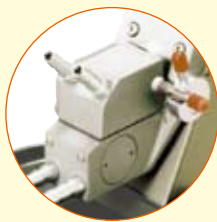


NEW

Cat.No.1311

“I want to measure emulsions with the DR-A1!”
...You asked, and we listened!

The measured refractive index or Brix as well as the temperature readings are numerically displayed simultaneously as the boundary line of refraction is being brought into the crosshairs.

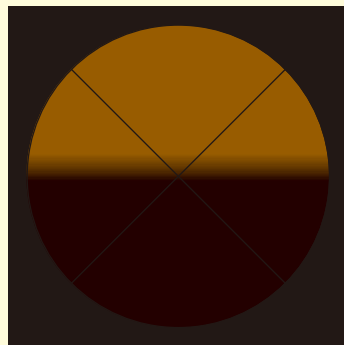


With the new prism, the field of view is brighter than the predecessor model (DR-A1), making it easier to measure inhomogeneous/opaque samples.

⊕ DR-A1 vs. DR-A1-Plus Brightness Comparison (with a milk sample)

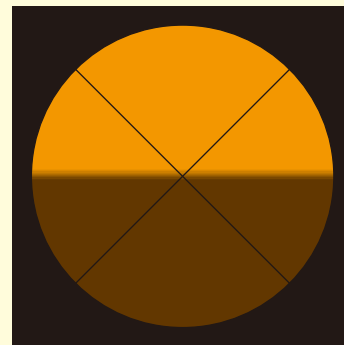
DR-A1

The field of view is dark. It is difficult to see the boundary line.



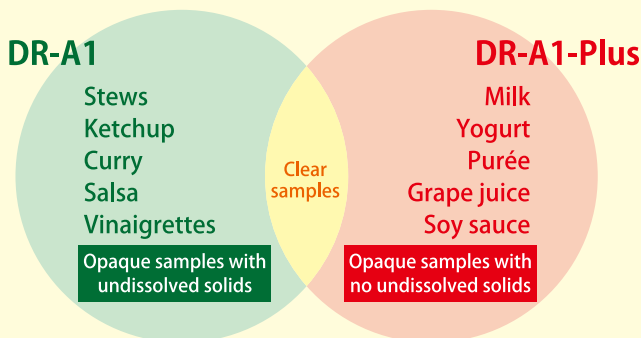
DR-A1-Plus

The brighter field of view makes it easy to see the boundary line when measuring emulsions.



The effect may be negated when undissolved solids are present in the sample.

⊕ Choosing the Right Model for Your Sample Type



We can answer questions you may have and make recommendations!

⊕ Specification

| | |
|-------------------------|--|
| Measurement Range | Refractive Index (nD) 1.3000 to 1.7100, Brix 0.0 to 95.0% (ATC is executed at 5 within 50°C) |
| Minimum indication | Refractive Index (nD) 0.0001, Brix 0.1% |
| Measurement accuracy | Refractive Index (nD) ±0.0002, Brix ±0.1% |
| Measurement temperature | 5 to 50°C |
| Thermometer accuracy | ±0.2°C |
| Ambient temperature | 5 to 40°C |
| Indications | Refractive Index (nD), Brix (%), Temp (°C) |
| Display | LCD |
| Power supply | AC adapter (100 to 240V (50/60Hz) AC input) |
| Power consumption | 16VA |
| Output | Printer DP-22C (Optional) PC (via RS-232C) |
| Dimensions and weight | 13×29×31cm, 6.0kg (Main unit) 10.5×17.5×4cm, 0.7kg (AC adapter) |