

DR-A1-Plus

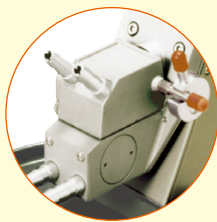


NEW

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.

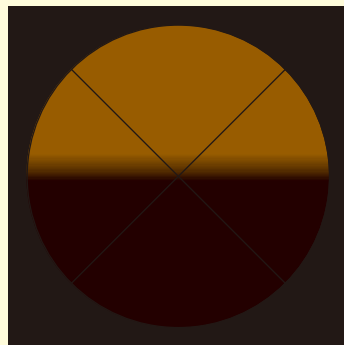


With the new prism, the field of view is brighter than the predecessor model (DR-A1), making it easier to measure inhomogeneous/opaque samples.

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

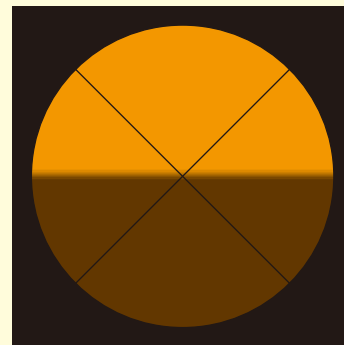
DR-A1

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



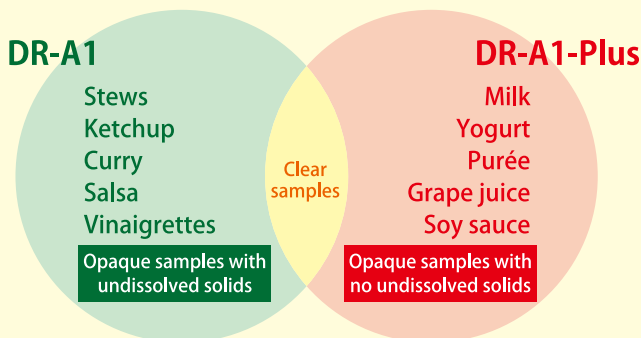
DR-A1-Plus

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