

ABBE REFRACTOMETER

Cat.No.1211

NAR-1T_{LIQUID}

The NAR-1T LIQUID is for liquid sample measurement only. This model has the Refractive Index scale and Brix scale, and operates with D line (589nm) light source. Calibration is performed using distilled water.

ABBE REFRACTOMETER

Cat.No.1212

NAR-1T_{SOLID}

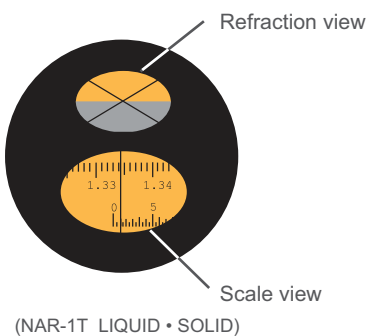
The NEW NAR-1T SOLID Abbe Refractometer was designed for solid sample measurement (this model can also measure liquid samples). This model has the Refractive Index scale and Brix scale, and operates with D line (589nm) light source.

SPECIFICATIONS	
Measurement range	: Refractive Index (nD) 1.3000 to 1.7000 Brix 0.0 to 95.0%
Minimum scale	: Refractive Index (nD) 0.001, Brix 0.5%
Measurement accuracy	: Refractive Index (nD) ±0.0002, Brix ±0.1%
Measurement temperature	: 5 to 50°C
Ambient temperature	: 5 to 40°C
Light source	: LED Lamp (Approximating to wavelength of D-line)
Power supply	: AC100V to 240V , 50/60Hz
Power consumption	: 5VA
Dimensions and weight	: Refractometer 13×18×23cm, 2.5kg (main unit only) Thermometer 10×11×7cm, 0.5kg

ACCESSORIES	
Digital thermometer	1pc
AC power cable	1pc
Lamp cable	1pc
LED lamp	3pcs
Special screwdriver for calibration	1pc
Tube band	10pcs
Instruction manual	1pc

SPECIFICATIONS	
Measurement range	: Refractive Index (nD) 1.3000 to 1.7000 Brix 0.0 to 95.0%
Minimum scale	: Refractive Index (nD) 0.001, Brix 0.5%
Measurement accuracy	: Refractive Index (nD) ±0.0002, Brix ±0.1%
Average dispersion value	: nF-nC (to be calculated according to conversion table)
Measurement temperature	: 5 to 50°C
Ambient temperature	: 5 to 40°C
Light source	: LED Lamp (Approximating to wavelength of D-line)
Power supply	: AC100V to 240V , 50/60Hz
Power consumption	: 5VA
Dimensions and weight	: Refractometer 13×18×23cm, 2.5kg (main unit only) Thermometer 10×11×7cm, 0.5kg

ACCESSORIES	
Digital thermometer	1 pc
AC power cable	1 pc
Lamp cable	1 pc
LED lamp	3 pcs
Test piece	1 pc
Contact liquid [monobromonaphthalene] (4mℓ)	1 pc
Special screwdriver calibration	1 pc
Milky white reflector	1 pc
Tube band	10 pcs
Instruction manual	1 pc



Abbe Refractometer for low refractive index measurement
In addition to our standard Abbe Refractometer NAR-1T SOLID, we can supply the following Abbe model.

- Abbe Refractometer NAR-1T • LO Cat.No.1217** (for low refractive index measurement)
Measurement range : Refractive Index (nD)1.1500 to 1.4800 / Measurement temperature : 5 to 50°C
Note:The refractometers listed above have the same scale as the NAR-1T SOLID.
To obtain the true refractive index value, simply refer to the conversion table that is provided with each unit.
*Dispersion values cannot be measured by the Abbe refractometers listed above. For further details, please inquire to the Overseas Department at ATAGO.