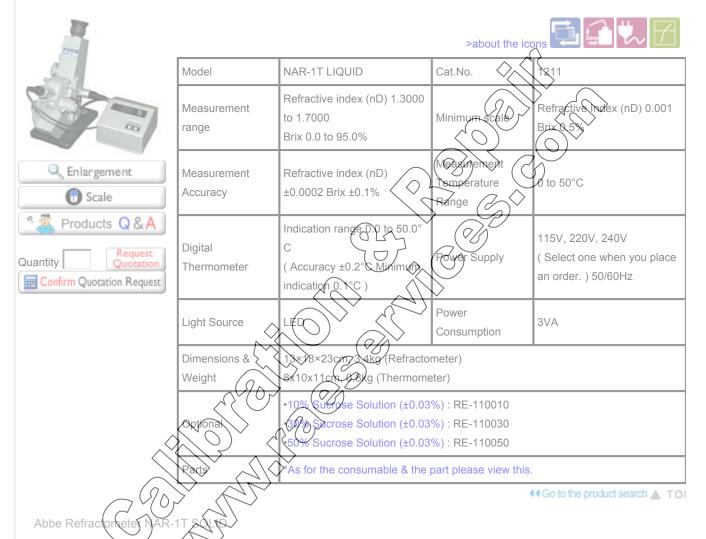


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Abbe Refractometer NAR-1T LIQUID

This is the Abbe Rerfactometer for liquid sample measurement only. It has the Refractive Index Scale and the BRIX scale, and it comes with D line (589nm) light source. Calibration can be done with distilled water.



NEW Abbe Refractioneter for solid sample measurement (it can also be used to measure liquid samples), the NAR-1T SOLID was launched. It has the Refractive New Scale and the BRIX scale, and it comes with D line (589nm) light source.



Model	NAR-1T SOLID	Cat.No.	1212
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	Refractive index (nD)	Average	nF-nC (to be calculated according to conversion

>about the icons

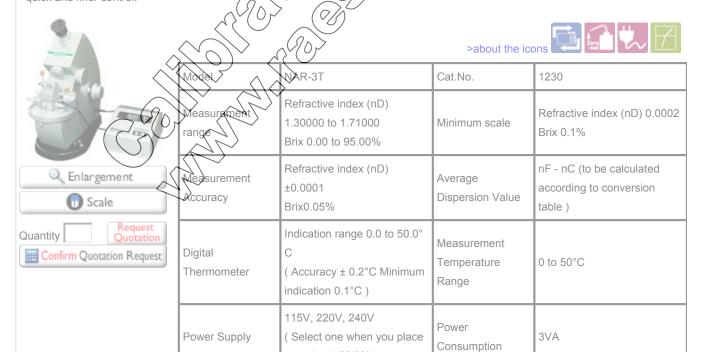
	CHOIC HOICE II	WW. I accel vioco.com/oci vi	000, 400.0	
Scale	Accuracy	±0.0002 Brix ±0.1%	dispersion value	table)
Quantity Request Quotation Confirm Quotation Request	Digital Thermometer	Indication range 0.0 to 50.0° C (Accuracy ±0.2°C Minimum indication 0.1°C)	Measurement Temperature Range	0 to 50°C
	Light Source	LED	Power Supply	115V, 220V, 240V (Select one when you place an order.) 50/60Hz
	Power Consumption	3VA	Dimensions Weight	13×18×23cm, 3.4kg (Refrectometer) 8×10×11cm, 0.8kg (Normometer)
	•10% Sucrose Solution (±0.03) •30% Sucrose Solution (±0.03) •50% Sucrose Solution (±0.03) •Test piece C (with mapphthal) •Test piece D for neasurement •Monobromona-phthalenes (solution) •Methylans ioslide containing: •Eyepiece for polarizing: RE	RE-110030 (a) : RE-110030 (b) : RE-110030 (c) : RE-110030 (c) : RE-1498 (c) : RE-1498 (c) : RE-1498 (c) : RE-1498 (c) : RE-1498	196	
Parts Parts As for the other consumables & the part please view this.				
Abbe Refractometer NAR- Designed for use with compou		pastroment at high temperature		44 Go to the product search ▲ TO
			>about the icons	
	Modet	NAR-2T	Cat.No.	1220
	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%
Enlargement Scale	Measurement Accuracy	Refractive index (nD) ±0.0002 Brix ±0.1%	Average dispersion value	nF-nC (to be calculated according to conversion table)
Quantity Request Quotation Confirm Quotation Request	Digital Thermometer	Indication range 0.0 to 120.0°C (Accuracy 0 to 100°C :±0.2° C, 100 to 120°C :±0.1°C Minimum indication 0.1°C)	Measurement Temperature Range	0 to 120°C
				İ

NIST, ISO, IEC, ANSI, NCSL, MIL-STD by www.raeservices.com

Light Source	8V,0.15A tungsten lamp	Power Supply	115V, 220V, 240V (Select one when you place an order.) 50/60Hz	
Power Consumption	6VA	Dimensions & Weight	12×20×25cm, 5.8kg (Refractometer) 8x10x11cm, 0.8kg (Thermometer)	
Optional	•10% Sucrose Solution (±0.03%): RE-110010 •30% Sucrose Solution (±0.03%): RE-110030 •50% Sucrose Solution (±0.03%): RE-110090 •Test piece C with m-naphthalene: RE-197 •Test piece D for measurement of film RE-1498 •Monobromona-phthalene as contactifiquid RE-1798 •Methylene iodide contaming sulfur solution: RE-1199 •Eyepiece for polarizing: RE-1148			
Parts	Test piece A with m-naphthalene: RE-1195 * As for the other consumables & the part please view this.			
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Abbe Refractometer NAR-3T

The NAR-3T has been developed to give improved measuring accuracy and ease of use. This has been achieved by making fundamen improvements to the optical system, utilizing a larger scale, incorporating a high intensity lamp and using a double control knob to give quick and finer control.



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an order.) 50/60Hz

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	Dimensions & Weight	12×31×25cm, 9.0kg (Refracto 8x10x11cm, 0.8kg (Thermom	ometer)	
	Optional	•10% Sucrose Solution (±0.03%): RE-110010 •30% Sucrose Solution (±0.03%): RE-110030 •50% Sucrose Solution (±0.03%): RE-110050 •Test piece C with m-naphthalene: RE-1197 •Monobromona-phthalene as contact liquid: RE-1196 •Methylene iodide containing sulfur solution: RE-1199 •Eyepiece for polarizing: RE-1146		
	Parts	•Test piece A with m-naphthalene : RE-1196 * As for the other consumables & the part please view this.		
	dern technologies is be of high refractive ind		/ >	Catalog Downloa Cotalog Downloa Tol hese materials (especially polyn ers. But these are now covered w
	Model Measurement range	Betractive index (nP) 1.4700	>abou Cat.No. Minimum scale	1240 Refractive index (nD) 0.001
© Enlargement Scale	Medisurement	Remactive index (nD)	Digital Thermometer	Indication range 0.0 to 50.0° C (Accuracy ± 0.2°C Minimum indication 0.1°C)
Quantity Request Quotation Report	Measurement Temperature Bande	0 to 50°C	Light Source	8V, 0.15A tungsten lamp
	Power Supply	115V, 220V, 240V (Select one when you place an order.) 50/60Hz	Power Consumption	3VA
	Dimensions & Weight	13×18×23cm, 3.4kg (Refracto 8x10x11cm, 0.8kg(Thermome		
	Optional	•Test piece A with m-naphtha •Test piece D for measureme •Test piece E for measuremel •Monobromona-phthalene as	nt of film : RE-1498 nt of film : RE-1499	196

NIST, ISO, IEC, ANSI, NCSL, MIL-STD by www.raeservices.com

•Methylene iodide containing sulfur solution : RE-1199

	•Contact liquid LJ : RE- 99080 •Eyepiece for polarizing : RE-1146
Parts	•Test piece C with m-naphthalene : RE-1197 * As for the other consumables & the part please view this.

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Circulating Constant Temperature Bath 60-C3

The 60-C3 is an external circulation type constant temperature water tank provided with a thermo-notuse. The temperature can be set the range of 10 to 60°C and the unit is perfectly suited for connection with a refractometer.





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Model	60-C3	Cat.Mo.	1921
Tank Capacity	0.5 lit	Setting Rapge	10 to 60°C (water)
Constant- Temperature Accuracy	±0.2°C	Temperature control	PID control method using a thermo-module
Power Consumption	43000	Flow Rate	4 lit / min
Power Supply	AS 100 to 2007, 50/60Hz	Dimensions & Weight	38×24×27cm, 11.0kg (Main Unit only)

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Abbe Refractometer 17 (No Now-refractive index measurement)

Abbe Refractometers for low refractive index and high refractive index measurements In addition to our standard Abbe Refractometer NAR-1T, 2T, 3T, 4T and IDR-A1, we can supply the following Abbe models. We shall ask you to use them if the specifications of our standard Abbe Refractometers do not meet your requirements. Another Optional *We can supply Abbe Refractometer with measureme range of "nD 1.7000 to 2.0800" and with Measurement Temperature Range of "0 to 50°C" or "0 to 120°C".

Note: You are requested to convext measured refractive indices to "real refractive indices" (with referring to conversion tables), since the above Abbe Refractometer NAR-1T and 2T.











Model	1T•LO	Cat.No.	1217
Measurement range	Refractive index (nD) 1.1500 to 1.4800	Measurement Temperature Range	0 to 50°C
Optional	•Monobromona-phthalene as	contact liquid : RE-11	96

To receive a calibration and/or repair quote-RMA from R.A.E. Services Inc.

Click here>> www.raeservices.com/services/quote.htm Quantity •Methylene iodide containing sulfur solution: RE-1199 Confirm Quotation Request Secondary prism for 1T : RE-1111 •*Thermo display unit (DTM-1) 110V: RE-1164, 220V: RE-1165, 240V: RE-1166 •*Thermistor unit C: RE-1157 •*Thermistor unit E: RE-1158 Parts •Lamp for illuminator (8V, 0.15A): RE-1170 •Lamp cable : RE-1175 •Desiccant (10g): RE-1187 •Fuse (0.315A): RE-1152 •Tube band: RE-8507 *Please inform us of a serial numbe to the product search A TOI Abbe Refractometer 2T-LO (for high temperature and low refractive i Model 2T·LO at.No. 1227 Measurement Measurement Temperature 0 to 120°C range Range phthalene as contact liquid : RE-1196 Enlargement Optional •Methylen odide containing sulfur solution : RE-1199 Quantity Therino display unit Confirm Quotation Request 10V: RE-1164, 220V: RE-1165, 240V: RE-1166 रेhermistor unit D : RE-1357 Thermistor unit F: RE-1358 ·Lamp for illuminator (8V, 0.15A): RE-1170 Desiccant (10g): RE-1187 •Fuse (0.315A): RE-1152 •Tube band : RE-8507 *Please inform us of a serial number in the case of an order. ◀◀Go to the product search ▲ TO! Abbe Refractometer 2T-HI (for high temperature and high refractive index measurement) >about the icons 2T•HI Model Cat.No. 1228 Measurement

