

Refractometers

Automatic RX- α Series



High accuracy, automatic, digital refractometers with thermostatically controlled sample chamber.

- ◆ Choice of % sugar (Brix) or Refractive index (R.I.) ranges
- ◆ Adjustable thermostatic control of sample chamber temperature with built-in, heating/cooling Peltier thermo-module
- ◆ Manual calibration facility allows compensation to known standards or other control instruments
- ◆ 30-reading memory and 30 custom user scales memorised (with optional unit display: %, g/100g, g/100ml, mol/l, %mas, % vol, none)

As described. For 100, 240V 50/60Hz single phase supplies. Supplied with instructions.

RE500-15 RX-5000 α

RE500-35 RX-7000 α

Model		RX-5000 α	RX-7000 α
Ranges	% sugar (Brix)	0.00 to 95.00	0.0 to 95.0
	R.I. (nD)	1.32700 to 1.58000	1.3250 to 1.7000
	°C	Ambient -10.00 to + 60.00	Ambient -10.00 to +70.00
Resolution	% sugar (Brix)	0.01	0.1/0.01 (selectable)
	R.I. (nD)	0.00001	0.0001/0.00001 (selectable)
	°C	0.01	0.01
Accuracy	% sugar (Brix)	±0.03	±0.1
	R.I. (nD)	±0.00004	±0.0001
	°C	±0.05	±0.05
Output		RS232C — both models	
Display		Backlit dot matrix LCD with readout of result, temperature, date, time, mode, and sample range bar (if set) — both models	
Sample chamber/illumination		Artificial sapphire prism with 316 stainless steel surround and LED illumination (D line) — both models	
Power supply		100, 240V 50/60Hz single phase supply — both models	
Overall, W x D x H	mm	370 x 260 x 140 — both models	
Weight	kg	9 — both models	



RE500-35, RE500-15 is similar