EXTECH INSTRUMENTS

Product DATASHEET

Portable Refractometers

Measure the concentration of Sugar, Salt, Glycol, Protein, Battery coolant and more

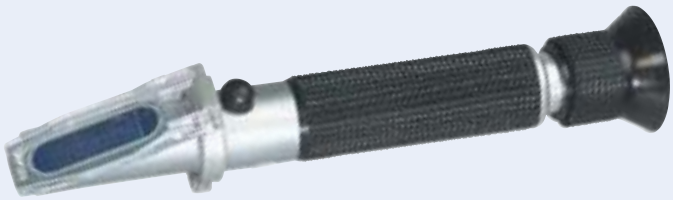
Features:

- Easy to operate refractometers provide accurate and repeatable measurements on easy to read scales
- Automatic temperature compensation models available for sugar, salt, protein, and battery coolant
- Requires only 2 or 3 drops of solution
- The prism and lens with a simple focus adjustment provides repeatable results
- Complete with carrying case and calibration screwdriver
- RF10 Dims/Wt: 6.6x1.3x1.3" (168x32x32mm)/ 3.2oz (91g)
  RF15 Dims/Wt: 6.3x1.4x1.4" (159x35x35mm)/ 7oz (200g)
- RF20 Dims/Wt: 7.6x1.5x1.5" (194x38x38mm)/ 8oz (227g)
- RF30/RF40 Dims/Wt: 6.5x1.5x1.5" (165x38x38mm)/ 7oz (200g)

Sucrose
RF10

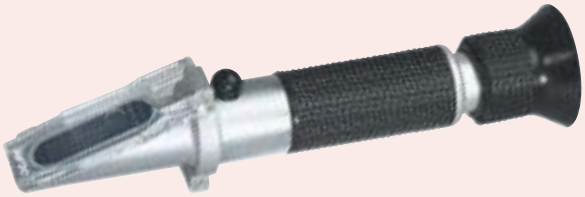
Sucrose (ATC)
RF15

- Sucrose brix refractometer measures the concentration of sugar in fruit juice and industrial fluids



Salinity (ATC)
RF20

- Salinity refractometer measures the concentration of dissolved salt in water



Protein (ATC)
RF30

- Clinical refractometer measures serum protein concentration and urine specific gravity

Battery Coolant (ATC)
RF40

- Automotive coolant refractometer measures the freezing point of coolants plus battery charge condition

Specifications

Model	Type	Ranges	Resolution	Accuracy
RF10	Sucrose	0 to 32% Brix	0.2	±0.2%
RF15	Sucrose (ATC)	0 to 32% Brix (10 to 30°C)	0.2	±0.2%
RF20	Salt (ATC)	0 to 100ppt (10 to 30°C)	0.001	±0.1‰
		1.000 to 1.070 Refractive Index		
RF30	Protein (ATC)	0 to 12g/dL Serum Protein (10 to 30°C)	0.2	
		1.000 to 1.040sg Urine Specific gravity	0.002	
RF40	Coolant (ATC)	-60 to 32°F Propylene Glycol freeze point	10°F	
		-50 to 0°C Ethylene Glycol freeze point	5°C	
		1.15 to 1.30 Specific Gravity of Battery Acid	0.01	

Ordering Information:

RF10.....0 to 32% Brix Refractometer
RF15.....0 to 32% Brix Refractometer with ATC
RF20.....Salinity Refractometer with ATC
RF30.....Protein Refractometer with ATC
RF40.....Battery Coolant Refractometer with ATC

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EXTECH INSTRUMENTS 1 Year Warranty