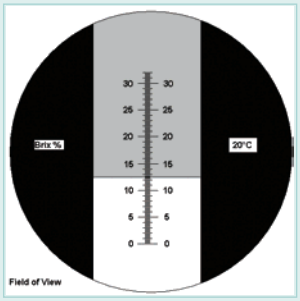
Portable Refractometers

Measure the concentration of Sugar, Salt, Lubricants, Antifreeze, Cutting Fluids & more

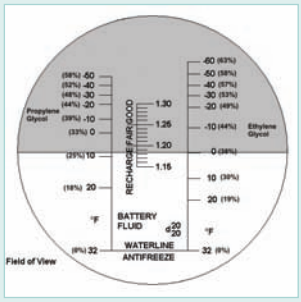
Available with or without Automatic Temperature Compensation

Features:

- Easy to operate refractometers provide accurate and repeatable measurements on easy to read scales
- Automatic temperature compensation models available for sugar, salt, lubricants, cutting fluids, and antifreeze
- Requires only 2 or 3 drops of solution
- The prism and lens with a simple focus adjustment provides repeatable results
- Complete with case, calibration screwdriver, and calibration solution



RF10, 15 - Scale view through eyepiece



RF40 - Scale view through eyepiece



RF18, RF20

RF10, RF16

RF15, RF40, RF11, RF12

RF30

Specifications				
Model	**Type**	**Ranges**	**Resolution**	**Accuracy**
RF16	Sucrose	0 to 10% Brix	0.1	±0.1%
RF11	Sucrose (ATC)	0 to 10% (10 to 30°C)	0.1	±0.1%
RF18	Lubricants/Cutting fluids	0 to 18% Brix	0.2	±0.2%
RF12	Lubricants/Cutting fluids (ATC)	0 to 18% Brix (10 to 30°C)	0.2	±0.2%
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) 1.000 to 1.070 Refractive Index	0.001	±0.1‰
RF40	Coolant (ATC)	-60 to 32°F Propylene Glycol freeze point -60 to 25°F Ethylene Glycol freeze point 1.15 to 1.30 Specific Gravity of Battery Acid	2°F 2°F 0.01	±2% ±2%
RF41	Coolant (ATC)	-50 to 0°C Propylene Glycol freeze point -50 to 0°C Ethylene Glycol freeze point 1.15 to 1.30 Specific Gravity of Battery Acid	1°C 1°C 0.01	±2% ±2%
RF30	Triple Range General Service	0 to 41% Brix 42 to 71% Brix 72 to 90% Brix	0.2 0.2 0.2	±0.2% ±0.2% ±0.2%
Dimensions/Wt		RF10/RF15: 6.6 x 1.6 x 1.2" (170 x 40 x 30mm)/ 7oz (200g); RF11/RF16: 7.5 x 1.6 x 1.2" (190 x 40 x 30mm)/ 6.5oz (185g); RF12/RF18: 6.7 x 1.6 x 1.2" (170 x 40 x 30mm)/ 6.5oz (185g); RF20: 7.6 x 1.5 x 1.5" (194 x 38 x 38mm)/ 8oz (227g); RF40/RF41: 6.2 x 1.6 x 1.2" (160 x 40 x 30mm)/ 6.3oz (180g) RF30: 7.9 x 1.5 x 1.1" (200 x 38 x 28mm)/ 21.86oz (620g)		

Ordering Information:

RF16 .....0 to 10% Brix Refractometer
RF11 .....0 to 10% Brix Refractometer with ATC
RF18 .....0 to 18% Brix Refractometer
RF12 .....0 to 18% Brix Refractometer with ATC
RF10 .....0 to 32% Brix Refractometer
RF15 .....0 to 32% Brix Refractometer with ATC
RF20 .....Salinity Refractometer with ATC
RF40 .....Battery Coolant/Glycol Refractometer with ATC (°F)
RF41 .....Battery Coolant/Glycol Refractometer with ATC (°C)
RF30 .....Triple Range General Service Brix Refractometer

Specifications subject to change without notice.
Copyright © 2009 -2013 FLIR Systems, Inc. All rights reserved including the right of reproduction in whole or in part in any form.