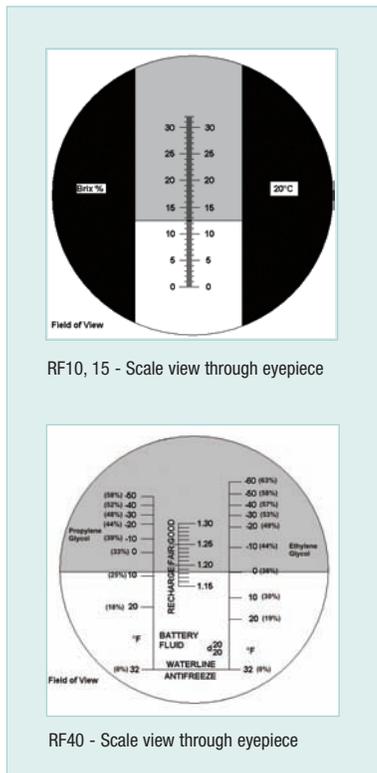


Portable Refractometers

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

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 | | | | |
|---|---------------------------------|--|------------|----------|
| 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) | 0.001 | ±0.1% |
| 1.000 to 1.070 Refractive Index | | | | |
| RF40 | Coolant (ATC) | -60 to 32°F Propylene Glycol freeze point | 2°F | ±2% |
| | | -60 to 25°F Ethylene Glycol freeze point | 2°F | ±2% |
| 1.15 to 1.30 Specific Gravity of Battery Acid | | | 0.01 | |
| RF41 | Coolant (ATC) | -50 to 0°C Propylene Glycol freeze point | 1°C | ±2% |
| | | -50 to 0°C Ethylene Glycol freeze point | 1°C | ±2% |
| 1.15 to 1.30 Specific Gravity of Battery Acid | | | 0.01 | |
| RF30 | Triple Range General Service | 0 to 41% Brix | 0.2 | ±0.2% |
| | | 42 to 71% Brix | 0.2 | ±0.2% |
| | | 72 to 90% Brix | 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) | | |

Mouser Electronics

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