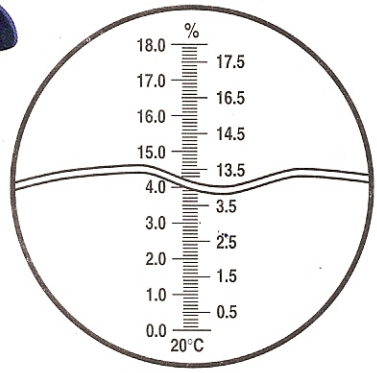
ΔΙΑΘΛΑΣΙΜΕΤΡΑ

Hand-held Refractometers

Handheld Refractometers

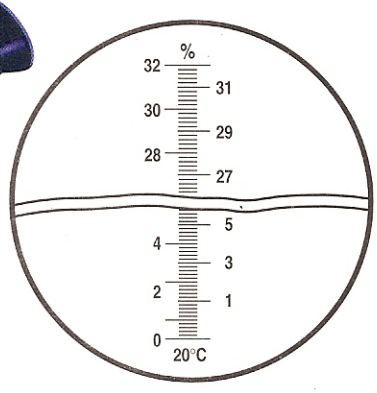
REF102 0-18% Brix

The model with a high resolution Brix scale was developed for low concentration. This range can measure the low concentration in fruit juice, soft drink, grape wine and most kinds of beverage.
Measuring range:0-18%
Minimum scale: 0.1% or 0.2%



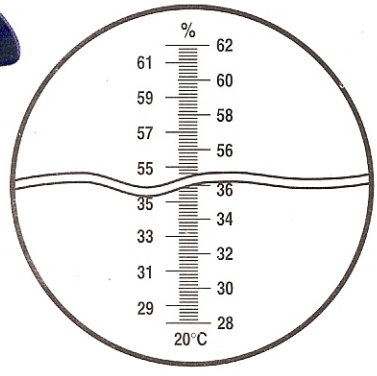
REF103 0-32% Brix

The model with developed for most general purpose work.
Measuring range: 0-32%
Minimum scale: 0.2%



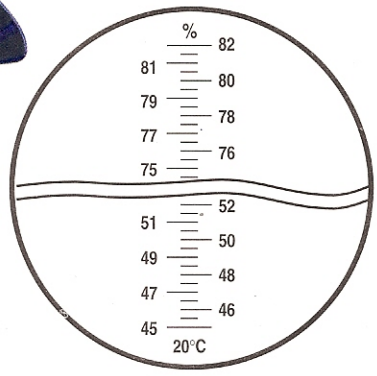
REF104 28-62% Brix

This model is ideal for concentrated fruit juice and canned foods that use a suger infusion.
Measuring range: 28-62%
Minimum scale: 0.2%



REF105 45-82% Brix

This model can be used for measuring the suger condent of concentrated fruit juice, condensed milk, liquid suger and jam.
Measuring range: 45-82%
Minimum scale: 0.5%

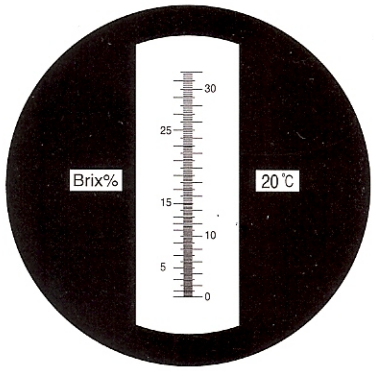


Handheld Refractometers

REF103bp 0-32% Brix

The main parts of the model are made of black engineering plastic ABS.The model has beautiful shape and light weight.

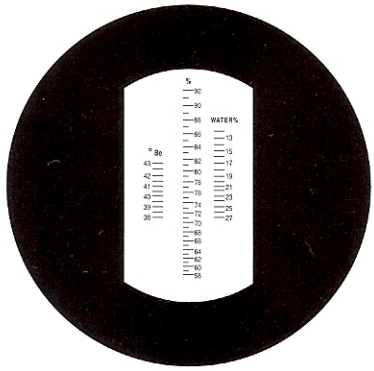
Measuring range: 0 - 32%
Minimum scale: 0.1%



REF106b 58-92% Brix

The model was developed for the measuring of the three common indexes which are: sugar content, baume' and water content. The model is small and exquisite and is beautifully shaped.

Measuring range: 58 - 92% Brix
38 - 43 °Be'
12 - 27% Water
Minimum scale: 0.5% Brix
0.5 °Be'
1% Water



REF106c 13-25% Honey Moisture

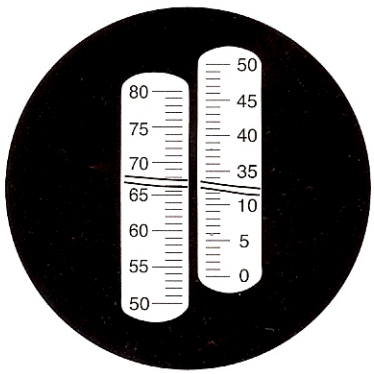
The model was specially designed for the measuring of the water content of honey.

Measuring range: 13-25%
Minimum scale: 0.1%

REF108 0-80% Brix (2 ranges)

The model has two scales

Scale one is: 0 ~ 50%
Scale two is: 50% ~ 80%
Measuring range: 0 ~ 80%
Minimum scale: 1%

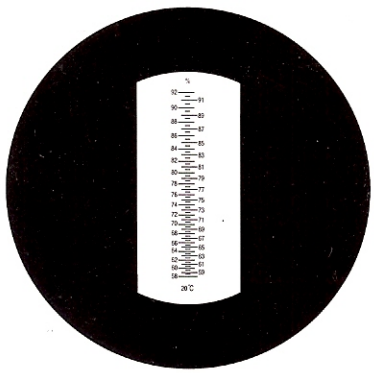


Handheld Refractometers

REF109 58-92% Brix

The model is small and exquisite and is beautifully shaped. It was specially designed for the measuring of the sugar content of the solution with high sugar.

Measuring range: 58-92% Brix
Minimum scale: 0.5% Brix



REF1010 0-50%

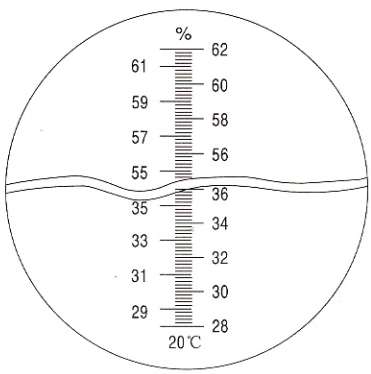
The model was designed for the measuring of the concentrated solution of grape sugar.

Measuring range: 0 - 50%
Minimum scale: 1%

REF114 28~62% Brix/ATC

The model has a built-in automatic temperature compensation system.

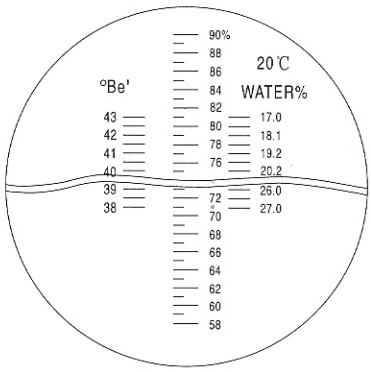
Measuring range: 28 ~ 62%
Minimum scale: 0.2%
Compensation temperature range:
10℃~30℃



REF116 58~90% Brix/ATC

The model has a built-in automatic temperature compensation system.

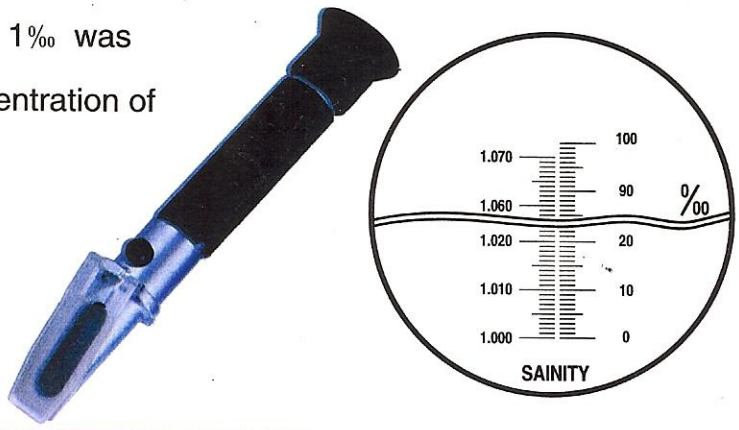
Measuring range: 58~90% Brix
12(17)~27% Water
38 °Be'~43 °Be'
Minimum scale: 0.5 Brix
1% Water
0.5 °Be'



Handheld Refractometers

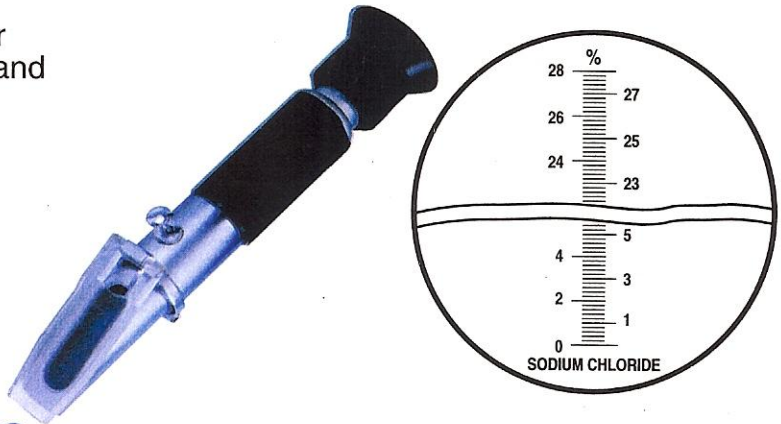
REF201 0-100‰ Salinity

The model with high resolution scale of 1‰ was developed for low concentration use.
It can be used to measure the low concentration of salt in sea water and prepared food solution and check salt content.
Measuring range: 0-100‰
Minimum scale: 1‰



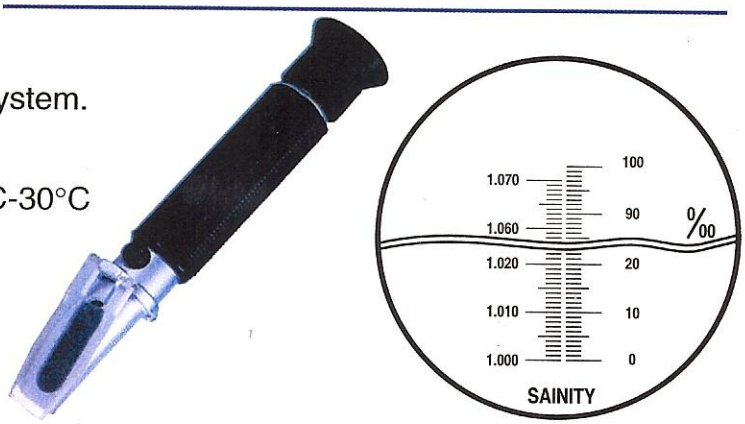
REF202 0-28% Salinity

The model is basic refractometer for the measurment of salt in sea water and prepared food solution.
Measuring range: 0-28%
Minimum scale: 0.2%



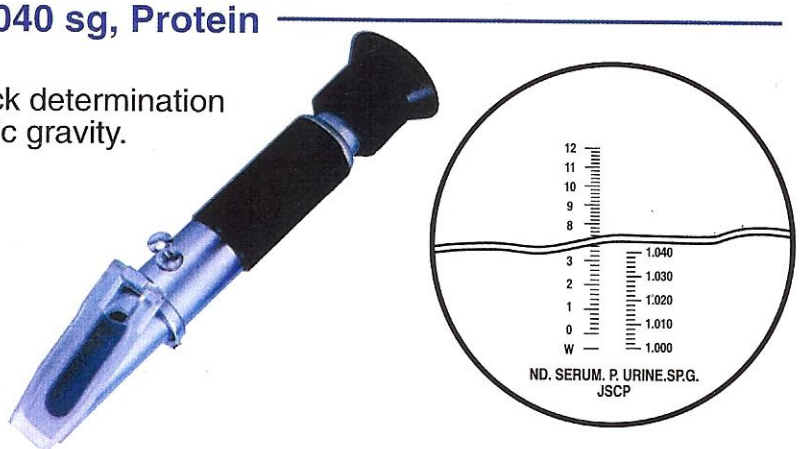
REF211 0-100‰ Salinity/ATC

This model has a built-in automatic temperature compensation system.
Measuring range: 0-100‰
Minimum scale: 1‰
Compensation temperature range: 10°C-30°C



REF301 0-12 g/dl, 1,000-1,040 sg, Protein

This model was developed for quick determination of protein in serum and urine specific gravity.
Measuring range: 0-12 g/dl
1,000-1,040 sg
Minimum scale: 0.2%
0.002 sg

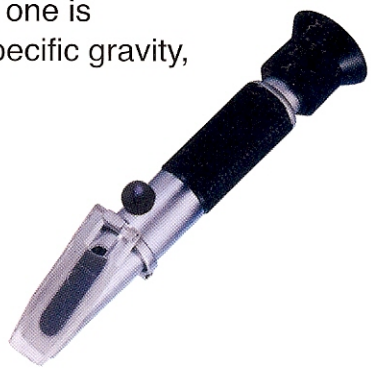


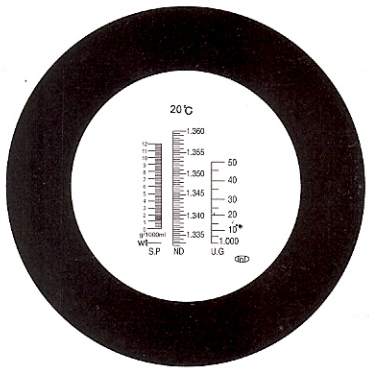
Handheld Refractometers

REF303 0-12g/1000ml, 1.000-1.050U.G, 1.3325-1.360 ND, Protein

This model has three scales, Scale one is protein in serum, Scale two is urine specific gravity, Scale three is refractive index.

Measuring range: 0-12g/1000ml
1.000-1.050UG
1.3325-1.3600ND
Minimum scale: 0.2g/1000ml
0.005UG
0.0005ND

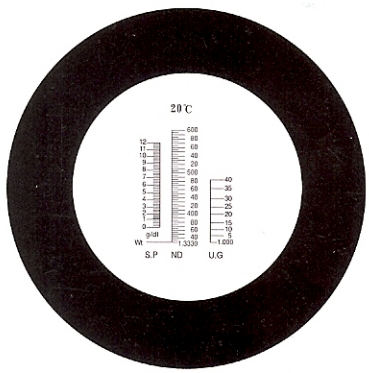




REF304 0-12g/dl, 1.3330-1.3600ND, 1.000-1.040 UG, Protein

This model has three scales, Scale one is protein in serum, Scale two is urine specific gravity, Scale three is refractive index.

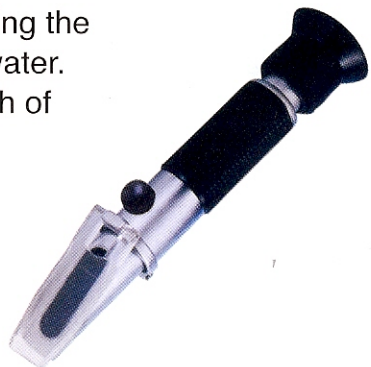
Measuring range: 0-12g/dl
1.000-1.040UG
1.3330-1.3600ND
Minimum scale: 0.2g/dl
0.0005 ND
0.005 UG

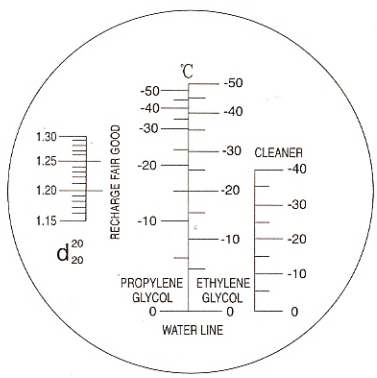


REF403 -40℃~0℃ Cleaner

This model can be used for measuring the freezing point of cleaner and cooling water. it can be used for checking the strength of electrolyte solution batteries.

Measuring range: -50℃~0℃;
-40℃~0℃;cleaner
1.15~1.30 sg
Minimum scale: 10℃
5℃
0.01sg

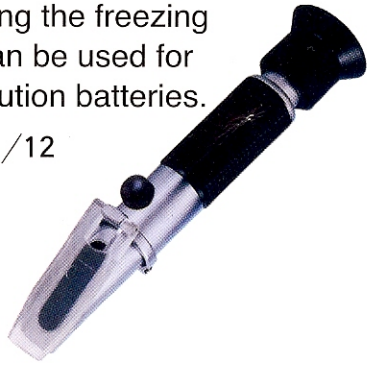


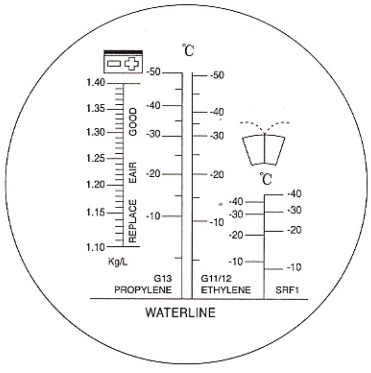


REF404 -40℃ ~ 0℃ Cleaner, 1.10-1.40Kg/l, -50℃ ~ 0℃ G13,G11/12

This model can be used for measuring the freezing point of cleaner and cooling water. it can be used for checking the strength of electrolyte solution batteries.

Measuring range: -50℃ ~ 0℃ G13,G11/12
-40℃ ~ 0℃ SRF1
1.10 ~ 1.40Kg/l
Minimum scale: 5℃
10℃
0.01 Kg/l



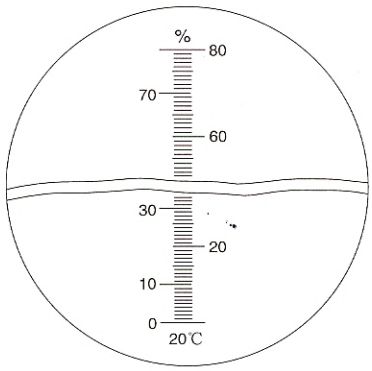


Handheld Refractometers

REF501 0-80% w/w

The model can be used for measuring the degree alcohol of agueous solution.

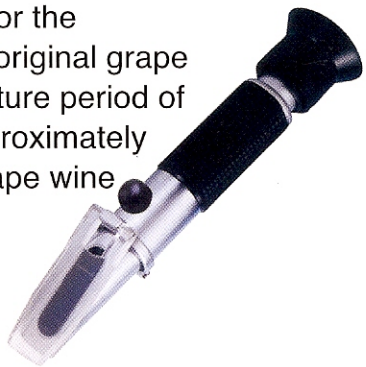
Measuring range: 0 ~ 80% w/w
Minimum scale: 1%

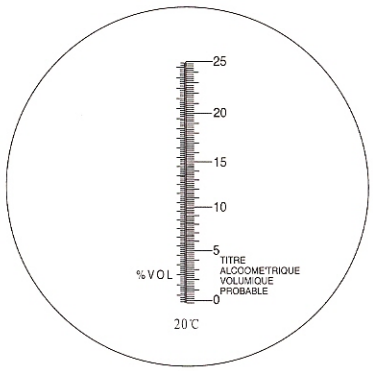


REF502 0-25% VOL

The model was specially designed for the measuring of the sugar content of the original grape juice, in order to further control the mature period of grape. The model can directly and approximately read out the alcohol degrees of the grape wine made by the original grape juice.

Measuring range: 0-25% VOL
Minimum scale: 0.2% VOL

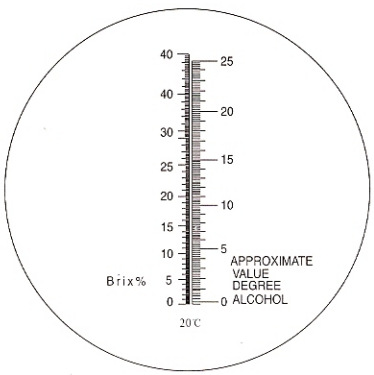




REF503 0-25% VOL, 0-40% Brix

The model can directly read out the sugar content of the original grape juice and the alcohol degrees of the grape wine made by the original grape juice.

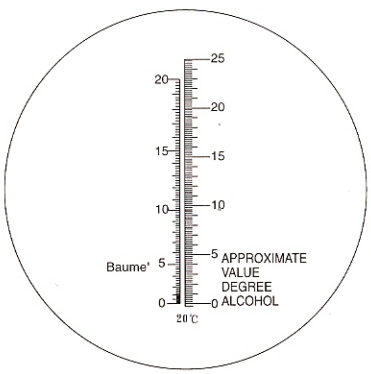
Measuring range: 0-25% VOL
0-40% Brix
Minimum scale: 0.2% VOL
0.2% Brix



REF504 0-25% VOL, 0-20 Baume'

The model was specially designed for the measuring of Baume degrees of the original grape juice and the alcohol degrees of the grape wine made by the original grape juice.

Measuring range: 0-25% VOL
0-20 Baume'
Minimum scale: 0.2% VOL
0.2 Baume'

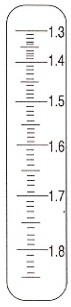


Handheld Refractometers

REF601 1.30~1.81 Gemological Refractometers

This model is gemological refractometers it can be used for measuring Refractive Index of GEM.

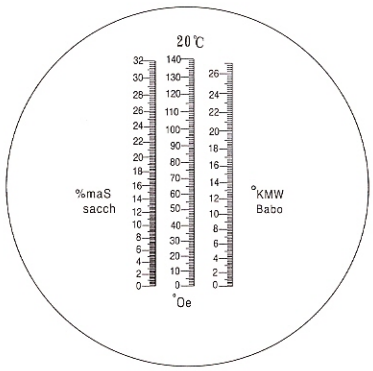
Measuring range: 1.30~1.81
Minimum scale: 0.01



REF701 0-140 °Oe, 0-25 °KMW Babo, 0-32% mas sacch

The model was designed for the measuring of the concentrated of the fruit juice (the original juice), °Oe and °KMW Babo .

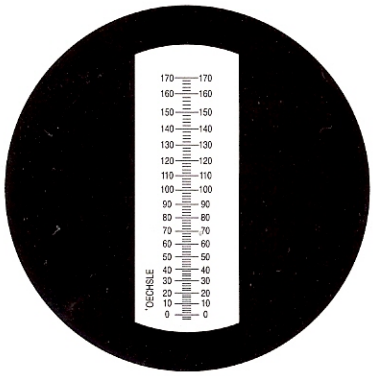
Measuring range: 0-140 °Oe
0-25 °KMW Babo
0-32% mas sacch
Minimum scale: 1 °Oe
0.2 °KMW Babo
0.2% mas sacch



REF702 0-170 °Oe

The model is applicable to the measuring of °Oe of the fruit juice (the original juice).

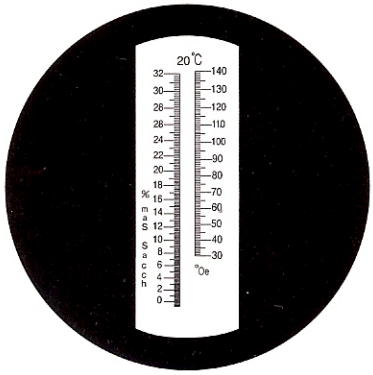
Measuring range: 0-170 °Oe
Minimum scale: 2 °Oe



REF703 30-140°Oe 0-32% Brix

The model is applicable to the measuring of the sugar content and °Oe of the fruit juice (the original juice).

Measuring range: 30-140 °Oe
0-32% Brix
Minimum scale: 1 °Oe
0.2% Brix



Handheld Refractometers

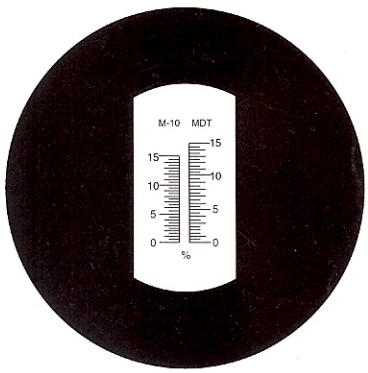
REF711,712,713

On the basis of models REF701,702,703, the three models are additionally assembled automatic temperature compensation constructions.
Compensation temperature range:10°-30℃

REF801 M-10, MDT 0-15%

The model was designed for the measuring of M-10, MDT: the concentration of weight percentage of the two kinds of the emulsion used tor mine machinery.

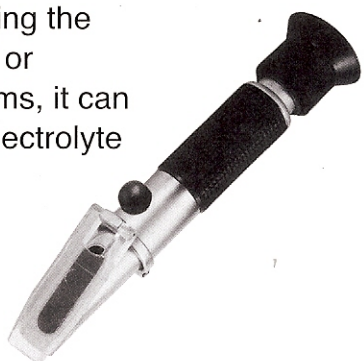
Measuring range: M-10: 0-15%
MDT: 0-15%
Minimum scale: 0.5%

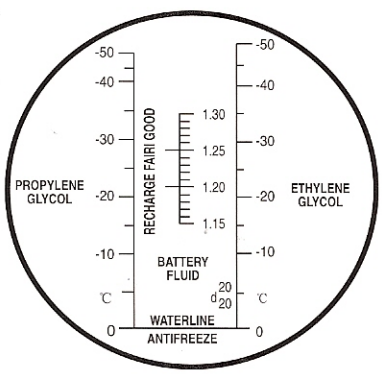


REF402 0℃ ~ -50℃ 1.15 ~ 1.30sg, Battery/Coolants

This model can be used for measuring the freezing point of either ethylene glycol or propylene glycol. Based cooling systems, it can be used for checking the strength of electrolyte solution batteries.

Measuring range: 0℃ ~ -50℃
1.15 ~1.30sg
Minimum scale: 5℃
0.01sg





REF112(0.1%,0.2%),212,311,313,512,513,514

On the basis of models REF102(0.1%,0.2%), 202,301,303,502,503,504, are additionally assembled automatic temperature compensation constructions.

Compensation temperature range:10℃-30℃