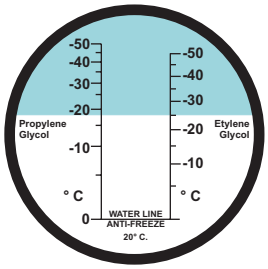
GLYCOLS REFRACTOMETER

It is used for the accurate measurement of the freezing point of the coolant solutions in HAC&R Water Systems, Solar Panels. The anti-freeze solution has to be formed by Etylene Glycol and environmentally-safe Propylene Glycol. Up untill now for the reading of the Etylene and Propylene Glycols percentage present in a liquid solution was used a normal densimeter obtaining non proper results, the refractometer offers an accurate, fast and easy to use method for testing glycols concentration.

- Eyeguard;
- High impact black housing;
- Eyepiece (Adjusting ring of diopter);
- Recalibration screw (screwdriver furnished);
- High contrast blue/white scale and accurate reading;
- Sample dropper (furnished);
- Plastic carrying case.

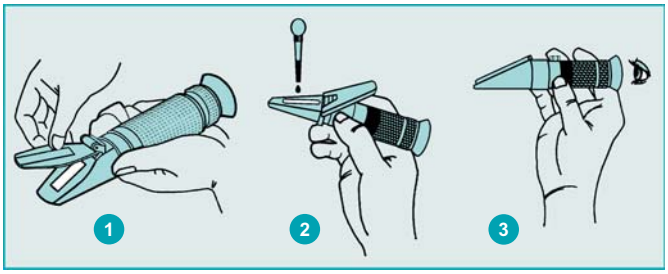
Specifications :

Temperature scale : 0° ÷ -52° C.;
Temperature risolution : 5° C.;
Dimensions and Weight : Ø 40 x 160 mm. - 180 gr.



TEMPERATURE SCALE OF THE FREEZING POINT

Read the freezing temperature on the scale of the measured solution:
0° ÷ -50° C. **Propylene Glycol**
0° ÷ -52° C. **Etylene Glycol**
Eg. **-18° C**. For Propylene Glycol
-25° C. For Etylene Glycol



Method of operation:

1. Open the cover plate;
2. Using the oil dropper place a few glycol solution drops on the measuring prism. Close the cover plate and press it lightly;
3. Hold the refractometer up to a light source and adjust the focusing ring so that you can read the scale;
4. Note the value where the boundary line crosses the scale.

REF402

Model	Description
REF402	Anti-freeze Refractometer for Etylene and Propylene Glycols. Scale **0° ÷ -52° C.** Plastic carrying Case.