

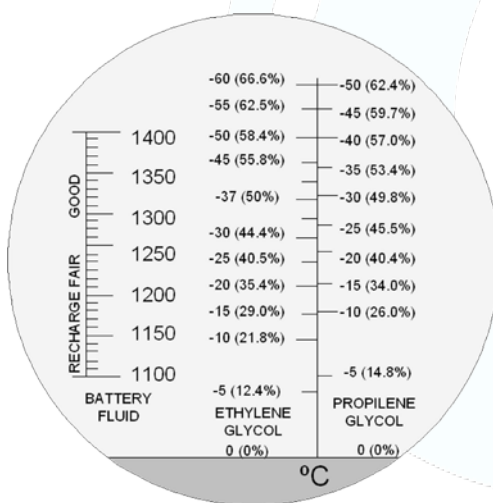
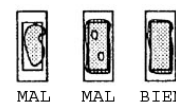
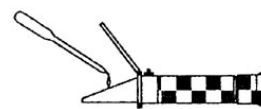
Portable Refractometer for Solar Power Systems

Check in less than a minute if the freeze protection in your installation is appropriate.

High operating temperatures of solar collectors may cause a degradation of the coolant decreasing the protection against freezing. In just a few seconds you can make sure of the level of protection of the heat transfer fluid and avoid unnecessary risks during the winter months.

The operating procedure is so simple:

- Place two or three drops of fluid on the prism using the pipette and close the cover plate so the solution spreads evenly on the prism.
- Wait for a few seconds and focus the eyepiece on the boundary line. You will see a scale like the following one:



Use the scale on the right (Propylene Glycol) for solar power systems. The concentration is given by the line between the colored zone and the colorless zone. (In the case of the figure it would be 0°C).

With this device you can also check the state of the battery electrolyte in a photovoltaic installation or a vehicle.

The Ethylene Glycol scale is suitable for automotive, toxic or not allowed coolants in solar systems.

The refractometer is presented in a padded carrying case including:

- Refractometer with Automatic Temperature Control.
- Pipette.
- Calibration screwdriver.
- Instructions in English.

