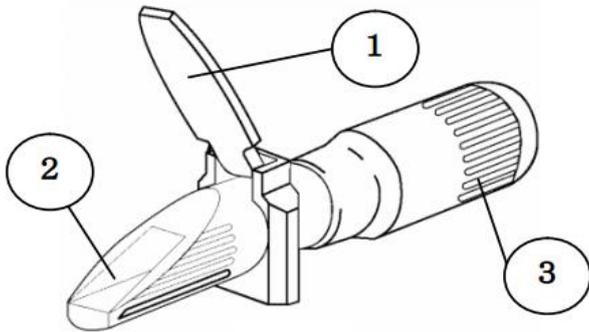
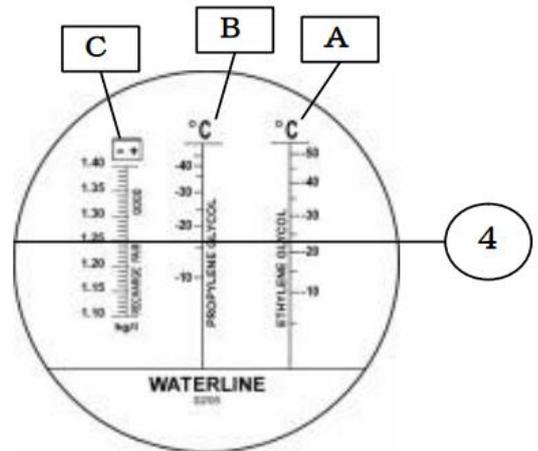


KTC FLUID TESTER (AG601) Instruction Manual

AG601 is an optical refractometer for measuring the freezing temperature and the specific gravity of LLC & Battery Fluid.



- ① Lid
- ② Prism
- ③ Eyepiece
- ④ Dividing Line



- A Coolant (Ethylene Glycol)
- B Coolant (Propylene Glycol)
- C Battery Acid

Anti-Freeze Tester

AG601 permits the following fluids to be tested at a glance.

Coolant (Ethylene Glycol) Scale A

Coolant (Propylene Glycol) Scale B

Of these, the first two indicate whether the fluid contains sufficient anti-freeze.

The instrument incorporates a display, subdivided into three scales, from which the values for the respective fluids can be read off.

Battery Acid Tester

Battery Acid Scale C (acid density Kg/l)

The scale indicates the ranges for **RACHARGE**, **FAIR** and **GOOD**.

	Effective Measuring Range	Minimum Scale Value	Error Range
LLC Fluid	0° to -55°C	5°C	±2%
Battery Fluid	1.10 to 1.40kg/l	0.01kg/l	±2%

NOTE: Ambient Temperature must be more than 20 degree Celsius.



Take particular care when testing the battery acid.
Do not let it come into contact with the eyes or skin or this could be harmful.

Test Procedure

- Check the Prism (2) and Lid (1) of the instruments are clean
- With the pipette supplied, drop the fluid on the prism (2) then close the Lid (1)
- Turn the Eyepiece (3) to focus on a Dividing Line (4)
- Read off value on the scale
- Be sure to carefully clean the prism (with dry cloth) and natural seasoning after use

Replacement Part

- (1) Prism Cover (AG601-PC)
- (2) Prism Cover Fixing Ring (AG601-RG)
- (3) Dropper (AG601-SP)

