



MODEL No. AK414

Instruction:

To prepare tester for use

- ✓ Carefully remove instrument from card.
- ✓ Remove bulb, rubber bumper and float from jar.
Remove foam strip from float.
- ✓ Hold instrument with tip pointing downward.
Insert float, large end first into jar.
- ✓ Place rubber bumper into jar, then slip the bulb
over the jar, slightly wetting the jar makes bulb go
on easier.
- ✓ Instrument is now ready for use.

To test

Squeeze bulb, then insert the tip of tester into the cell. Release pressure on bulb until enough electrolyte is drawn into the jar to freely float the hydrometer. The mark of hydrometer in line with the surface of the liquid is the apparent specific gravity reading of the battery. Make reading at eye level for accuracy. A temperature error correction must be applied to this reading as follows: to the right side of the thermometer, note the scale reading which coincided with the top of the red liquid column. Add the black figures to the apparent specific gravity and subtract the red figures.

Note

A proper test cannot be made unless each battery cell has sufficient electrolyte to permit hydrometer float to rise freely. An accurate reading cannot be obtained if water has just recently been added to cells.



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