

## Alcohol stills

These stills are designed with the lab technician in mind. We have tried to address all the areas that can cause error or make the distillation of alcoholic beverages problematic. After distillation the following methods can be utilized to determine the alcohol percentage, normally V/V %. These ranging from least to most expensive capital outlays.

1. Hydrometry
2. Boiling point determination
3. Pycnometry
4. Infrared analysis
5. Densitometry

### The following improvements were made from the bunsen burner system.

- Electric heating maintains constant heat input from distillation to distillation.
- Longer distillation head makes sure only water and alcohol gets distilled over.
- Automatic cutout when the receiver flask is 95% full. This frees the operator to come back to the app when he or she is ready. On the old distillation still, you needed to start over if you over distill into the receiver flask.
- No glassware to be detached in normal use like flask being taken off and re joined. This causes less room for leakage error.
- Ergonomically designed.
- Safety cutout on the elements and no gas leakage!.
- Easy installation, all included. Just connect to a power outlet of 220 V and a



OH-1

OH-6



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