

# Operation Instruction

## Operation

1. Turn on power supply and put power switch to “ | ” position. Then power indicator is on and temperature controller has digital display.
2. Set temperature to target temperature according to instruction manual.
3. After setting, data will be saved for a long time. Drying oven starts to rise temperature and heating indicator is on. When temperature in oven is close to set temperature, heating indicator flashes and it comes to constant temperature state.
4. Load to-be-dried samples into drying oven and close the door (or load samples before temperature rise according to different requirements for different material).
5. Choose suitable time for drying according to different moisture content in different samples.

Take inherent moisture analysis for example:

Take (1±0.1) g (as accurate as 0.0002g) of 0.2mm air dried coal sample from weighing bottle that is dried and weighed in advance. Spread coal sample on weighing bottle and open its cover. Load coal sample into 105-110℃ pre-blast drying oven. Under the blasting, dry 1 hour for bituminous coal, 1h-1.5h for anthracite. After drying, close the cover. Cool sample in desiccator for 20min. Finally weigh the sample.

6. After drying, pull power switch of drying oven to “0”. If door is opened immediately, take sample out with care in case operators get burned.

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