

Components:

- #112-50-001 Cover, 115 Volt
- #112-50-001-1 Cover, 230 Volt
- #112-50-002 Cup
- #130-25 Heating Element, 115 Volt, 150 Watt
- #130-31 Thermostat, 50 - 300°F
- #130-38-011 Thermostat 93.3° C
- #130-38-3 Lamp for Thermocup
- #130-38-5 AC Power Cord, 115 Volt
- #130-76-03 Thermocouple
- #152-38 AC Power Cord, 230 Volt
- #170-09 Insulation Board
- #171-32 Midget Knob

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Dependable Products From People You Trust



Cup Heater for Lubricity Tester
No. 112-50 - 115 Volt
No. 112-50-1 - 230 Volt
Instruction Manual

Updated 4/8/2020
Ver. 2

OFI Testing Equipment, Inc.



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No. 112-50 - 115 Volt
No. 112-50-1 - 230 Volt
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Introduction:

Cup heaters are designed for controlling temperature of a mud sample while taking readings with a Lubricity Tester.

Caution:

1. Do not heat fluid over 200°F.
2. Do not immerse cup heater in water when cleaning.

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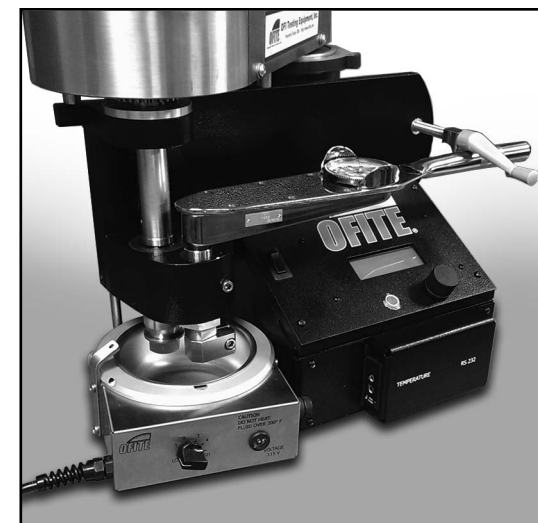
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Procedure:

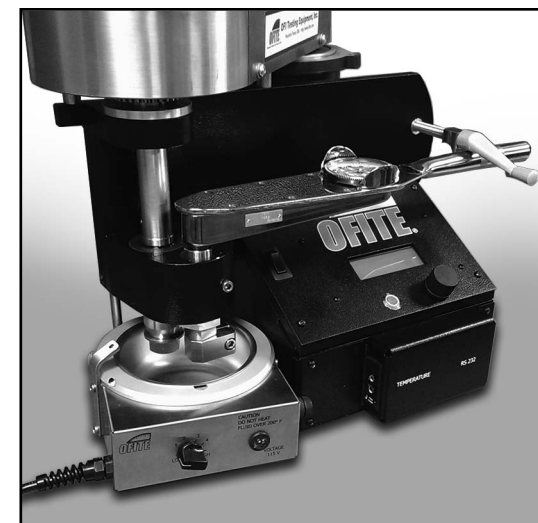
1. Plug the cord into 115 or 230 volts AC as indicated on the nameplate (#112-50 is 115 V, #112-50-1 is 230 V).
2. Turn the thermostat clockwise to about three-fourths of the range, which will be 185°F, and allow 15 minutes for heat-up. The pilot light will light when the well reaches the set temperature.
3. Place an OFITE #154-00 or #154-10 Thermometer in provided thermometer hole on the side of the well to read well temperature. The thermostat should be set about 50°F above desired mud temperature.
4. With the well preheated, place the cup of mud in the well. Stir mud frequently, checking also with a thermometer. When the mud approaches the desired temperature, cut the thermostat back about ¼ turn to avoid overheating.
5. Place entire assembly on base of OFITE Lubricity Tester.
6. Carefully raise the cup stand while swinging the torque arm in place.

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7. Raise or lower instrument to proper depth and stir. Re-check the temperature and take reading. Adjustment of temperature may be needed if instrument block and ring are cold.



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