

# Thermocups

Thermocups and cup heaters are designed for controlling the temperature of a mud sample while taking readings with a rheometer or viscometer. Normal heat-up time is 15 minutes. Drilling fluid has a low thermal conductivity, so it must be agitated in order to reach a uniform temperature within a reasonable length of time. For safety considerations, the fluid should never be heated above 200°F (93°C). The rotor and bob should not be immersed for long periods in the fluid as vapors will rise up into the bearings and condense, causing corrosion. The holes in the stage of the OFITE Viscometers have been positioned to hold the heated cups at a 45° angle to the line of the instrument for better accommodation of thermometers and power cables.

## CUP HEATER WITH STAINLESS STEEL CUP

#130-20 115-VOLT, AC-DC

#130-30 230-VOLT, AC-DC

**Size:** 4.5" x 4.75" x 5.5" (11 x 12 x 14 cm)

**Weight:** 4 lb 8 oz (2 kg)

### Components:

- #130-20-01 Cover, Stainless Steel
- #130-20-02 Locator Pin
- #130-21 Cup, Stainless Steel
- #130-25 Heating Element, 150-Watt (115-Volt Only)
- #130-31 Thermostat, 50° - 300°F (10° - 148.9°C)
- #164-32 Male Connector for Power Cable (230-Volt Only)
- #165-40-2 Cable, 3-Conductor, SJ00W, 18 Gauge (230-Volt Only)
- #170-09 Insulation Board
- #170-10 Thermostat Pilot Light
- #171-32 Midget Knob
- #171-82 Power Cord with Male Plug, 16/3 SJ; Round, 8' (115-Volt Only)



#130-20 Cup Heater



#130-38-20 TC Thermocup

## THERMOCUP WITH THERMOMETER

#130-38 OFITE, 115-VOLT

#130-38-1 OFITE, 230-VOLT

#130-38-4 OFITE, WITH REMOVABLE STAINLESS STEEL CUP, 115-VOLT

#130-38-6 OFITE, WITH REMOVABLE STAINLESS STEEL CUP, 230-VOLT

#130-38-20 TC, ANODIZED, 115-VOLT

#130-38-25 TC, ANODIZED, 230-VOLT

#130-38-30 TC, ANODIZED, WITH STAINLESS STEEL CUP, 115-VOLT

#130-38-35 TC, ANODIZED, WITH STAINLESS STEEL CUP, 230-VOLT

**Size:** 3" x 4" x 4.5" (8 x 10 x 11 cm)

**Weight:** 2.6 lb (1.2 kg)

- #130-26 Heating Element, 150-Watt (115-Volt Only)
- #130-26-1 Heating Element, 150-Watt (230-Volt Only)
- #130-31 Thermostat, 50° - 300°F (10° - 148.9°C)
- #130-38-10 Locator Pin (OFITE-Style Only)
- #130-38-2 Red Lens
- #130-38-3 Lamp
- #130-38-5 Power Cord (OFITE-Style, 115-Volt Only)
- #130-38-7 Stainless Steel Cup for #130-38-4, #130-38-8, #130-38-30, and #130-38-35
- #130-38-8 Gasket, Fish Paper
- #130-38-9 Power Cord, 6' (TC-Style Only)
- #130-39 Thermostat Cover
- #135-18 Socket Set Screw for Clamp Sleeve, Hardened, #6-32 x 1/8"
- #135-43 Base for Indicator Lamp
- #154-00 Thermometer with Metal Dial, 5" Stem, 0° - 220°F
- #164-32 Male Connector for Power Cable, (OFITE-Style, 230-Volt Only)
- #164-34 European Plug (TC-Style, 230-Volt Only)
- #165-40-2 Cable, 3-Conductor, SJ00W, 18-Gauge (OFITE-Style, 230-Volt Only)
- #171-32 Midget Knob



#130-38 Thermocup



#130-38-4 Thermocup