

Model: K221 (HB-K221-GY)

Capacity: 1.7 Liters

## **1. Overview**

The Mecity Electric Kettle is a 1.7-liter water boiler with a touch screen interface and six preset temperature programs. It is constructed with a double-wall stainless steel interior, ensuring no plastic comes into contact with the water. The kettle features automatic shut-off, boil-dry protection, and a keep-warm function.



**Included Components:** Electric Kettle, Heating Base.

## 2. Product Specifications

- **Brand:** Mecity
- **Model Name:** K221

- **Capacity:** 1.7 Liters (approx. 7 cups)
- **Voltage:** 120 Volts
- **Wattage:** 1500 watts
- **Materials:** Acrylonitrile Butadiene Styrene (ABS), Stainless Steel
- **Special Features:** Automatic Shut-Off, Boil Dry Protection, Double Wall, Touch Screen Control
- **Dimensions (L x W x H):** 8.65" x 6.3" x 10.6"
- **Finish Type:** Brushed

### 3. Features and Controls

#### 3.1 Touch Screen Interface

The 4-inch touch screen provides control over all kettle functions. The interface includes the following elements:

- **ON/OFF Button:** Powers the kettle on and off. Press and hold for 3 seconds to turn off manually.
- **Temperature Preset Icons:** Six programs: Infant Formula, Green Tea, White Tea, Oolong Tea, Coffee, and Boil.
- **WARM Button:** Activates the keep-warm function. Must be used in conjunction with a temperature preset.
- **Display:** Shows current status and temperature.

#### 3.2 Preset Temperature Programs

The kettle offers six preset temperatures optimized for different beverages:

- **Infant Formula:** A specific lower temperature suitable for preparing formula.
- **Green Tea:** Optimal temperature for brewing green tea.
- **White Tea:** Optimal temperature for brewing white tea.
- **Oolong Tea:** Optimal temperature for brewing oolong tea.
- **Coffee:** Optimal temperature for brewing ground coffee.
- **Boil:** Brings water to a full boil (212°F / 100°C).

#### 3.3 Double-Wall Stainless Steel Construction

The interior is made of 100% food-grade stainless steel with no plastic contact. The double-wall design provides insulation, keeping the water hot while the exterior remains cool to the touch for safety.



### 3.4 Lid Operation

The lid features a safety hinge. Pressing the open button releases the lid to an angle of approximately 45° to prevent hot water from splashing. For filling or cleaning, you can manually push the lid open to a wider angle.



### 3.5 Safety Features

- **Auto Shut-Off:** The kettle will automatically power off 3 minutes after reaching the target temperature or if left idle.
- **Boil-Dry Protection:** If the kettle is activated without water, it will power off to prevent damage or fire hazard. The screen will not turn on until the unit has cooled down.
- **Cool-Touch Exterior:** The double-wall design keeps the outer surface safe to handle.

## 4. Use Guide

### 4.1 Before First Use

1. Remove all packaging materials.
2. Wash the kettle interior and lid with warm, soapy water. Rinse thoroughly. Do not immerse the base, power cord, or connector in water.
3. Fill the kettle to its maximum capacity (1.7L) with fresh water and bring it to a boil using the "Boil" preset. Discard the water. This cleans the interior.

## 4.2 Daily Operation

1. **Place on Base:** Ensure the kettle is correctly seated on the dry, level heating base.
2. **Fill with Water:** Open the lid and fill with the desired amount of cold water. Do not fill past the MAX line (1.7L). Do not operate without water.
3. **Power On:** Plug the base into a standard 120V outlet. The touch screen will illuminate.
4. **Select Program:** Tap the desired temperature preset icon (e.g., Green Tea, Coffee, Boil).
5. **Start Heating:** The kettle will begin heating immediately. The display will show the heating progress.
6. **Using Keep-Warm:** To keep water at the set temperature, tap the **WARM** icon *after* selecting a temperature preset. The keep-warm function will maintain the temperature for up to 2 hours (maximum 205°F). The WARM function cannot operate alone.
7. **Pouring:** Lift the kettle from the base to pour. The base can remain plugged in.
8. **Power Off:** The kettle will auto-shutoff after completion. You can also press and hold the ON/OFF button for 3 seconds to turn it off manually.

**Note:** The keep-warm mode must run together with a temperature preset. Selecting WARM alone will not activate the function.

## 4.3 Muting the Key Tone

To turn the button confirmation sounds on or off, press and hold the **WARM** icon on the touch screen for 3 seconds.

## 4.4 Boiling Times

Approximate heating times from 68°F (20°C) at 120V:

- 2 cups (500 ml): ~2.2 minutes
- 4 cups (1 L): ~3.7 minutes
- 7 cups (1.7 L): ~5.5 minutes

## 5. Cleaning and Maintenance

**WARNING:** Always unplug the kettle and allow it to cool completely before cleaning.

- **Exterior:** Wipe with a damp, soft cloth. Do not use abrasive cleaners or scouring pads.
- **Interior:** Rinse with warm water. For mineral deposits (scale), use a mixture of equal parts white vinegar and water. Fill the kettle, let it sit for 1 hour, then boil. Discard the solution and rinse thoroughly with fresh water.
- **Lid and Spout:** Clean with a soft brush or cloth. Ensure the steam vent is clear.
- **Base:** Wipe with a dry cloth. Ensure no water enters the electrical connector.

**Product Care Instructions:** Hand Wash only. Do not immerse the kettle body, base, or cord in water.

## 6. Troubleshooting

- **Kettle does not turn on:**
  - Check that the power cord is securely plugged in.
  - Ensure the kettle is properly seated on the base.
  - The boil-dry protection may be activated. Let the kettle cool completely, then fill with cool water. It should reset in a few minutes.
- **Keep-warm function is not working:**
  - Ensure the WARM mode is selected *after* choosing a temperature preset. It cannot operate independently.
- **Screen is unresponsive:**
  - Unplug the base, wait 30 seconds, and plug it back in.
  - Ensure your fingers are dry when using the touch screen.
- **Water is not heating quickly:**
  - Check that the voltage supply is 120V.
  - Mineral scale buildup can reduce efficiency. Descale the kettle following the cleaning instructions.
- **Lid does not open fully with the button:**
  - The automatic opening angle is set to approximately 45° for safety. To open fully for filling or cleaning, manually push the lid back.

## 7. Safety Information

### IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions before use.
- Do not operate without water. Boil-dry protection is a safety feature but should not be tested.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities.
- Close supervision is necessary when any appliance is used by or near children.
- Do not let the cord hang over the edge of a table or counter or touch hot surfaces.

- To prevent electric shock, do not immerse the cord, plug, or heating base in water or other liquids.
- Unplug the appliance when not in use and before cleaning.
- Do not use the kettle for any purpose other than heating water.
- The exterior surface may become hot during use. Use the handle when lifting or carrying the kettle.
- Do not open the lid during the boiling process.
- Be cautious of escaping steam when opening the lid or pouring.

### **Warning**

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.