

## TCP UC1000

# TPC Ultrasonic Cleaner UC1000 User Manual

## INTRODUCTION

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Welcome to the user manual for the TPC Ultrasonic Cleaner UC1000. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your ultrasonic cleaner. Please read this manual thoroughly before operating the device to ensure proper use and to prevent injury or damage.

## IMPORTANT SAFETY INFORMATION

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Always follow these safety precautions to prevent injury or damage to the unit:

- Do not immerse the main unit in water.
- Ensure the unit is placed on a stable, level, and dry surface.
- Use only recommended cleaning solutions appropriate for ultrasonic cleaning.
- Do not operate the unit without liquid in the tank.
- Keep out of reach of children and pets.
- Disconnect power before cleaning or performing any maintenance.
- Avoid touching the tank or solution during operation, as it may become warm.

## PACKAGE CONTENTS

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Verify that all items are present in the package:

- TPC Ultrasonic Cleaner Unit
- Stainless Steel Basket
- Stainless Steel Lid
- Drain Kit
- Integrated Timer Input

## PRODUCT OVERVIEW

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The TPC Ultrasonic Cleaner UC1000 is designed for efficient and thorough cleaning using high-frequency ultrasonic waves. It features a durable 302 stainless steel tank and an intuitive LCD display for precise timer control, making it suitable for various professional and industrial applications.



Image: Front view of the TPC Ultrasonic Cleaner UC1000, showing the stainless steel tank, blue and white casing, and the digital control panel with an LCD display.

## SETUP

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1. Unpack the ultrasonic cleaner and all included accessories from the packaging.
2. Place the unit on a firm, level, and dry surface, ensuring adequate ventilation around the device.
3. Ensure the drain valve (if applicable) is securely closed before proceeding to fill the tank.
4. Fill the stainless steel tank with the appropriate cleaning solution. Do not exceed the maximum fill line indicated inside the tank.
5. Connect the power cord to a grounded electrical outlet. The unit operates on 115V / 230V at 50/60 Hz.

## OPERATING INSTRUCTIONS

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### Filling the Tank

Fill the stainless steel tank with the desired cleaning solution. Ensure the liquid level is between the MIN and MAX marks to ensure optimal performance and safety.

### Placing Items

Place items to be cleaned into the stainless steel basket. Carefully lower the basket into the tank, ensuring that the items are fully submerged in the cleaning solution but do not touch the bottom of the tank directly.

### Setting the Timer

The unit features an LCD display timer. Use the control buttons on the panel to set the desired cleaning time. The timer can be set from 1 to 99 minutes, allowing for flexible cleaning cycles.

### Starting the Cleaning Cycle

Press the START button on the control panel to begin the ultrasonic cleaning cycle. The LCD display will show the remaining time, counting down until the cycle is complete.

## Ending the Cycle

The unit will automatically stop when the set timer reaches zero. You can also press the STOP button at any time to manually end the cleaning cycle.

## Draining the Tank

After cleaning, always disconnect the power cord from the electrical outlet. Use the integrated drain kit to safely empty the tank of the used cleaning solution.

## MAINTENANCE AND CARE

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### Cleaning the Tank

After each use, drain the tank completely and rinse it thoroughly with clean water. Wipe the interior and exterior surfaces of the unit with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the unit's finish or internal components.

### Storage

When the unit is not in use, ensure it is clean, dry, and disconnected from power. Store the ultrasonic cleaner in a cool, dry place, away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Unit does not power on	No power supply; Power cord not connected securely; Power switch off	Check power outlet; Ensure power cord is securely plugged into both the unit and the outlet; Turn on the power switch.
No ultrasonic sound/action	Insufficient liquid in tank; Tank overloaded; Unit malfunction	Ensure tank is filled to appropriate level; Reduce the number of items in the tank; Contact customer support if problem persists.
Poor cleaning results	Incorrect cleaning solution; Tank overloaded; Too short cleaning time; Items not properly submerged	Use appropriate cleaning solution for the items; Do not overload the tank; Increase cleaning time; Ensure items are fully submerged.
Unit stops unexpectedly	Overheating; Power interruption	Allow unit to cool down; Check power connection.

## SPECIFICATIONS

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**Model:** UC1000

**Input:** 115V / 230V

**Frequency:** 50/60 Hz

**Tank Internal Dimensions:** 11.8"L x 9.5"W x 5.9"H

**Overall Dimensions:** 14.2"L x 10.6"W x 12.2"H

**Shipping Weight:** 21 lbs

**Tank Capacity:** 10.6 Qts. / 2.65 Gal. / 10 Liter

**Timer:** LCD Display, 1-99 minutes

**Tank Material:** 302 Stainless Steel

**Manufacturer:** TPC

**ASIN:** B00MPVEWN8

**Date First Available:** August 14, 2014

**Item Weight:** 0.01 ounces

WARRANTY AND SUPPORT





For specific warranty information, technical support, or service inquiries, please contact your authorized TPC dealer or visit the official TPC website. It is recommended to keep your purchase receipt and product serial number for any warranty claims or support requests.

**Manufacturer:** TPC

**Model:** UC1000

**ASIN:** B00MPVEWN8

Related Documents - UC1000

	<p><a href="#">TPC Dental Equipment Catalog 2025: Chairs, Units, and Accessories</a></p> <p>Explore TPC's comprehensive 2025 catalog of innovative dental equipment, featuring operatory systems, chairs, delivery units, air compressors, vacuum systems, lighting, and accessories designed for dental professionals.</p>
	<p><a href="#">Endress+Hauser Fieldgate FXA320, FXA520: Gateway for Remote Monitoring</a></p> <p>Technical information on the Endress+Hauser Fieldgate FXA320 and FXA520, gateways for remote monitoring of 4...20 mA and HART measuring devices. Covers applications, communication interfaces, function and system design, input/output specifications, power supply, operating conditions, mechanical construction, human interface, web server capabilities, certificates, and regulatory compliance.</p>
	<p><a href="#">OMRON F430 Smart Camera: Technical Specifications and Accessories</a></p> <p>Detailed specifications, accessories, and download resources for the OMRON F430 Smart Camera, a 0.3 MP monochrome vision system with Ethernet connectivity.</p>
	<p><a href="#">SLK-S502 Serial Server Instruction Manual</a></p> <p>Comprehensive instruction manual for the Seriallink SLK-S502 Serial Server, detailing its features, configuration, and operation for centralized management of serial devices over Ethernet.</p>



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