# mixta

# TECHNICAL DATA SHEET

## PRODUCT INFO

**PRODUCT NAME**
Automated Cleaning Bench

**PRODUCT CODE**
MOYT-2052

**PRODUCT CATEGORY**
Sterilization



## General Description

The next-generation fully automatic ultrasonic washing bench takes hygiene and efficiency to the highest level. Its advanced automation minimizes manual intervention, saving time and labor. With automatic basket movement, pre-washing, controlled ultrasonic cleaning, rinsing, and drying stages, it accelerates processes and enhances standards. Adjustable program settings allow each stage to be customized according to needs. Featuring a touch control panel, an intuitive interface, and precision sensors, it ensures maximum hygiene and efficiency with minimal effort.

## Smart Automation

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# TECHNICAL SPECIFICATIONS

• For entire sterilization required places
• Manufactured from AISI 304-grade stainless steel
• Ultrasonic Capacity: 28 L
• Ultrasonic Frequency 28 kHz
• For the pre-cleaning of instruments
• One pre-washing sink, one ultrasonic sink, one rinsing sink, and one drying sink
• RFID
• Fully programmable and automated process flow
• All worktop edges are raised to prevent water drips
• Height-adjustable stainless steel legs
• 220V 50/60Hz
• Dimensions (WxLxH): 2300x890x1725 mm
• Pre-wash and rinsing sink dimension: 500x500x300 mm
• Ultrasonic Cleaning and Drying sink dimension: 500x300x200 m
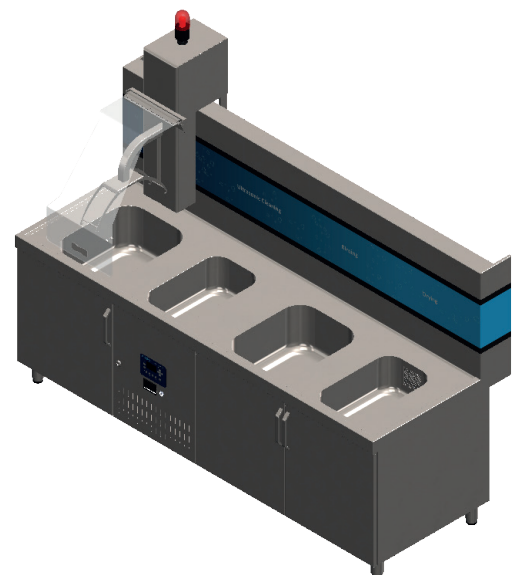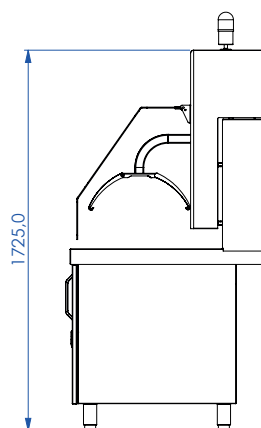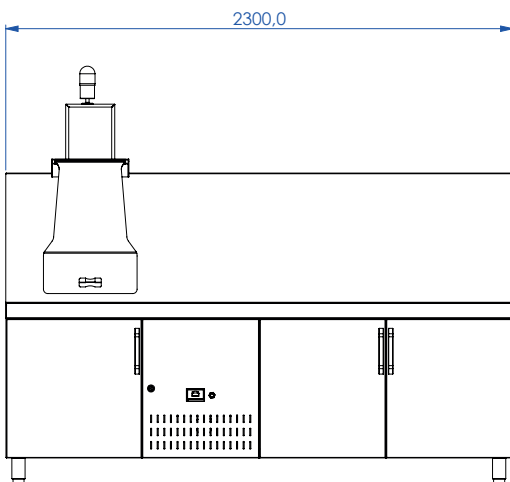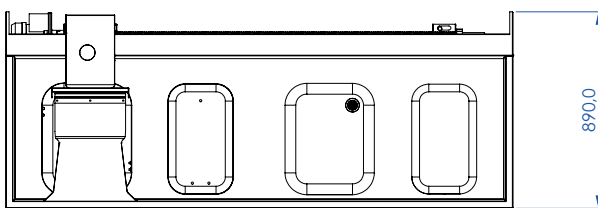• Custom-made production in different sizes and designs

## Ultrasonic Cleaning

Ultrasonic cleaning uses high-frequency sound waves to decontaminate medical instruments in a CSSD, ensuring complete removal of contaminants before sterilization. The system features Autoheat Protection to prevent dry operation, overheating, and combustion risks, while a water level control mechanism with a digital display maintains optimal water levels. With a 0.5°C temperature tolerance, it provides consistent heating. Users can choose from up to six customizable programs via a user ID card, plus an additional manual option, and monitor the process through a program cycle countdown indicator on a water-resistant touchscreen. Additionally, the cleaner offers analog timers adjustable from 1 to 60 minutes, operates at a 28 kW frequency with a 1.5 kW resistor, and includes a vibration mechanism with eight transducers that enable external open/close functionality at the end of the process for enhanced cleaning performance.

## Drying Function

This device's integrated drying feature ensures the rapid and effective removal of residual moisture after cleaning, allowing instruments to be completely dry before sterilization. The advanced heating and fan system, with a precisely controlled combination of drying time and temperature settings, prevents water droplets from remaining on the instrument surfaces and inhibits microorganism growth. With its user-friendly control panel, all parameters of the drying process can be easily monitored and adjusted, while energy efficiency is also prioritized. This feature not only extends the lifespan of medical instruments but also plays a crucial role in maintaining high hygiene standards in hospitals and healthcare facilities.

### PRODUCT LAYOUT



890,0

2300,0

1725,0

## Options

| Air/Water spray gun rinser | Side baskets |
|---|---|
| ● Pressured water/air stream for manual interventions | ● A basket for storing the instruments |
| Mixer | Printer |
| ● For adjusting water temperature | ● Indicating date, time, user, water temperature, and program |