

Class-B Bench-Top Steam Sterilizer



LK/MMQ-D0.020
LK/MMQ-D0.025

CLASS B

Application

LAOKEN bench top steam sterilizers can be applied to dental clinics, dental department of hospitals, ophthalmology department, operating rooms and so on. It can sterilize A, B class cavity instruments, dressing material, catheters and other dental instruments.*

Specifications

- ◆ CE marked and abide by EN13060 directive
- ◆ Microcomputer control with dynamic LCD display for running status, temperature, pressure and time
- ◆ Multiple pulse vacuum and positive pressure exhausting combined for guaranteed steam saturation level
- ◆ Imported vacuum pump can reach -0.85bar
- ◆ Motorola precision pressure sensor which can monitor 0.001 bar (1KPa)
- ◆ Sterilization programs for naked instruments, packed instruments, hemophilus and glassware
- ◆ PWM temperature control of chamber and jacket, saving power and water
- ◆ Self inspection function to monitor the whole sterilizing process and save relative record for validation analysis
- ◆ Smart pulse vacuum deep dry function, dressing material humidity less than 1%, naked instruments humidity less than 0.2%
- ◆ Two groups of independent temperature sensors for program control and system monitoring, eliminating sterilization failure due to temperature sensor failure or incorrect monitoring temperature value
- ◆ Built-in micro printer together with USB port to export cycle data
- ◆ Built-in memory for 50 cycles data
- ◆ Built-in smart help system for sterilization guidance
- ◆ Visual and vocal alarm when cycle ends or error occurs
- ◆ 1 button water refill with quick coupler

Safety Measures

- ◆ Double temperature protection
- ◆ Automatic pressure release valve
- ◆ Door safety system only allow to work when door closed properly
- ◆ Door locked till pressure in chamber pressure released
- ◆ DC control part with over voltage protection
- ◆ AC control part with short circuit and leak protection

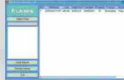
Standard Parameters

| | |
|---------------------------|-----------------|
| Designed Pressure | -0.1~0.28MPa |
| Max. Work Pressure | 0.23MPa |
| Max. Vacuum | -0.085MPa |
| Min. Pressure Display | 0.001bar (1KPa) |
| Sterilization Temperature | 105℃~136℃ |
| Min. Temperature Display | 0.1℃ |
| Chamber Material | SUS 304 S/Steel |
| Cycle Time | 30~55min |


Key Parameters

| Model | Dimension (LxWxH mm) | Chamber Dimension (LxWxH mm) | Volume (V) | Packing Dimension (LxWxH mm) | Power Supply (AC220V) | Rated Power (P) | Weight (Kg) |
|--------------|----------------------|------------------------------|------------|------------------------------|-----------------------|-----------------|-------------|
| LK/MMQD0.020 | 471X586X395 | φ245X350 | 20L | 540X640X550 | 220V 50Hz | 1.5KW | 47 |
| LK/MMQD0.025 | 471X696X395 | φ245X450 | 25L | 540X750X500 | 220V 50Hz | 1.7KW | 66 |


Parts




Computer cycle data reading program for cycle data display and print




Print Record



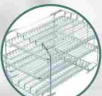
0.22μm HEPA filter to enhance sterilization




High efficient dual-head low noise pump
Reach -0.085Bar
Stabilize pressure in chamber




USB port to export cycle data




Combined internal rack bears heavy loads
Applicable to different loading requirement
Hold 5 support rack when turned 90°




One time pressed shape
Lowest temperature difference
Anti-corrosion
Alloy heater



Mirror finish SS chamber material
500 ton slow pressed shape
5 times stretching, 2.1±0.2mm



Unique fuzzy steam generating control
PWM temperature convert technique to ensure a standard temperature rising rate



UKAL pump together with fuzzy control system to maximumly save power and water