Technical parameters

Voltage	220V±10%，50/60HZ
Fuse	10A 250V
Power rating	783W±5W
Air volume (double laminar airflow hoods）	1036 m³ per hour
Air volume (single laminar airflow hoods）	767 m³ per hour
Air volume (without laminar airflow hoods）	1170 m³ per hour
Noise (normal mode）	50.3 dB (A)
Noise (silent mode)	39.8 dB（A）
Machine weight (without filters）	121 Kg
Machine weight (including filters)	141 Kg
Machine size (double laminar airflow hoods) [length*width*height]	3250mm *670mm*2050mm
Machine size (single laminar airflow hoods) [length*width*height]	1840mm*670mm*2050mm
Packing size (length*width*height)	1) 980mm*700mm*2000mm 2) 850mm*700mm*900mm
Filters replacement cycle	Not more than 6 months (as per system's pop-up notification)
Filtration materials replacement cycle	Not more than 6 months (as per system's pop-up notification)
Applicable area	＜45 m², with a height of 3m
Recommended operating environment	Temperature -5℃~45℃, humidity 5％~85％
Storage condition	Temperature -10℃~65℃，humidity 5％~85％

HealKEE Medical Contact Information

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HealKEE MEDICAL

AirKEE T900

Mobile Laminar Air Flow and Environment Management System

Mobile Laminar Air Flow Technology

- Single or double hood(s) to provide vertical laminar airflow, forming a protective area of ISO 7 cleanliness level (subject to installation circumstances) where procedures take place

- Protects immuno-compromised patients and significantly reduces the risk of HAIs (hospital-acquired infections) including MDROs (multidrug-resistant organisms) infections

- Built-in medical-grade lighting to assist with bedside procedures

Advanced Noise Reduction Technology

- 39.8 dB (A) - silent mode satisfies WHO standard in wards

Smart Surface Disinfection Module

- Equipped with a radar-based detector to switch on the function upon human inactivity

- Rapidly kills bacteria, viruses and other microorganisms on the surfaces of surrounding area

Intelligent Control System with Real-time Air Monitoring

- Provides real-time air quality monitoring of aerosols, CO_2 and other common chemical pollutants with pop-up notifications if levels exceed safety threshold

Dual Control and Display Panels

- Dual 15.6" Windows touchscreen control panels for detailed settings

- Downloadable air monitoring data

The Design is Protected by Patents in Multiple Countries

Modular Design for Adaptation to Different Medical Application Scenarios and Requirements

1. Main Body

Mobile LAF System

* Can be connected with optional isolation chamber to achieve ISO 5 cleanliness standard for special applications in haematology wards, etc.,

3. + Single Laminar Airflow Hood

Mobile Operating Theatre Solution

2. + Surface Disinfection Module

Environment Treatment System

4. + Double Laminar Airflow Hoods

Vertical LAF Solution For Two Beds

Integrated Surface Disinfection Module

· Radar-based human body detector automatically triggers built-in surface disinfection function upon human inactivity
· Different operating modes such as "Manual", "Smart" and "Timer".

High Performance Monitoring and Control Panel with Touchscreen Feature

☐ **Dual Windows Control Panels:**

· Automatic maintenance and troubleshooting functions

· Ensures data security

· Provides software upgrade to updated Windows version

☐ **Dual 15.6-inch Touchscreen Control Panels Display Real-time Air Quality Data, Including:**

· Aerosols, particulate matter, surgical smoke, etc.

· Past 8 hours concentration of CO_2 and other common chemical pollutants such as formaldehyde, glutaraldehyde, etc.

· Pop-up notification if pollutant levels exceed safety threshold

· Downloadable air monitoring data (password-protected)

Highly Synchronized Air Treatment Modules

Double cylindrical design HEPA (H14) filter eliminates 99.995% of particles 0.3 microns in diameter

Medical UV, photocatalysts and patented nanofiltration material efficiently kills microorganisms, including airborne multidrug-resistant organisms

Medium-efficiency F8 filter

Modified activated carbon and patented nanofiltration material remove chemical gases, surgical smoke, etc.

Primary G4 filter