Disinfectible PC-Keyboard for Purity and Hygiene

AK-C8100 Serie Medical Key*



Highlights:

- PC-Keyboard with 105 Key Standard Layout
- 360° Safeguard against Dirt and Splash Water
- Silicone Key Membrane for Utmost Hygiene
- Flat Keys for Thorough Surface Disinfection
- Low Force Tactile Key Feel for Heavy Duty Type Writing in Hygiene Critical Applications

Options:

- Protection Class IP68 by Full Sealing
- Exchangeable Membrane for Sterilization
- 2.4 GHz Radio Control / Wireless

Features & Benefits:

The AK-C8100 is a high quality, reliable PC keyboard. The purification and disinfection capacity makes it a perfect fit in hospitals and at practitioners, as well as office, administration and industrial environments. The silicon membrane protects the key field against ingress of dirt and fluids. The AK-C8100 impresses with low force key actuation and precise key guidance. With its 105 key standard keyboard layout, the AK-C8100 is highly recommendable for heavy duty type writing in hygiene critical operations.

The AK-C8100 provides the following benefits for cleaning and disinfection:

- **Thorough surface disinfection of the key field by spray/wipe sanitizing of the seamless, low profile silicone key membrane without corners and edges.**
- **Surface disinfection instead of invasive submersion cleaning:**
  - ✓ **No inner or outer re-contamination by polluted suds**
  - ✓ **No risk of germ proliferation and transmission by fluids leaking or dripping off the keyboard**
  - ✓ **No contact with contaminated openings (no touch contact)**
- **CleanFunction allows to disable the key field while cleaning (“Fn”+”Clean on/off”)**
- **Suitable for a multitude of hospital disinfectants and cleaning agents**
- **Protection Class IP68 by full sealing of the key membrane with the keyboard housing (Option 1)**
- **Or: Exchange of silicone key membrane for sterilization (Option 2)**

Specification	
Compatibility	All operating systems supporting standard USB
Temperature Range	Storage –20º to +70º C, Operation 0º to +50º C
Key Membrane	Exchangeable silicone membrane (Standard) or fully sealed IP68 (Option)
Chemical Resistance	Suitable for most common hospital disinfectants and cleaning agents
Interface	USB 1.1 (1.2 MBit/s)
Supply Voltage	5 V +/- 5% through PS/2 port, 6 V (4x AAA) Wireless Keyboard
Current Consumption	Max. 100 mA (USB: low power device)
Connector	USB Type A
Dimensions	Approx. 449 x 142 x 26 mm
LED Status Indicators	Caps Lock, Num Lock, Scroll Lock, CleanFunction
Key Switch Technology	Scissors Balancing key guidance with contained contact system
Key Travel	Approx. 2,5 +/- 0,5 mm
Key Actuation Force	Approx. 60 grams (similar to Notebook style keyboards)
Agency Approvals	**CE, FCC, RoHS**

*No Medical Device according to 93/42/EWG

Part# / Keyboard: **AK-C8100F-zzz-y/xx** **AK-C8100F-Fzz-y/xx (RF)**

Part# / Replaceable Key Membrane: **AK-C8100-y/xx**

Identifier zzz = Version/Option	Identifier y = Color	Identifier xx = Country Version
U1 = Standard (USB), PS/2 upon request UVS = Fixed Sealed Membrane (IP68) Version for Machine Disinfection upon request	W = White (Standard) B = Black	US = US English GE = German Other versions upon request

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15-10-01

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Medical Key

Exchangeable Membrane

for Routine Disinfection & Sterilization



Work



Sterilize



Exchange

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Keyboards for Industry
Commerce and Service

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Clean & Write

Disinfectible PC-Keyboard for Perfect Writing

Flat, Bevelled Key Profile (Front & Side) for Comprehensive Wipe Disinfection

Sealed Cable Outlet for Connection to USB or PS/2 (Option)

Ergonomic PC-Keyboard with Standard Key Field for Maximum Typing Comfort

Low Force Tactile Key Feel for Heavy Duty Type Writing



„CleanFunction“ allows to Disable Keys during Cleaning and Disinfection

Robust Silicon Keyboard, Water & Dustproof. Ideal for Wipe Disinfection (VAH List)

Protection Class IP68 for Submergence Cleaning and Machine Disinfection (Option)

Self-containing, Seamless Surface for Efficient Routine Disinfection from All Sides

Exchangeable Membrane for Machine Disinfection (93°C) and Steam Sterilization (134°C). Replacement Membrane (Option)

AK-C8100.

P/N (US English, White):

AK-C8100F-U1-W/US (Standard-Wipe Disinfection)

AK-C8100F-UVS-W/US (IP68-Submergence Cleaning)

Keyboards for Medical, Industry Commerce and Service

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