

Wireless PC-Keyboard for Purity and Hygiene

AK-C8100 Series Medical Key*



Highlights:



- Hygiene PC-Keyboard for Clinical Wipe Disinfection
- 2.4GHz RF Transmission with USB Nano-Dongle
- Standard PC Key Layout 104/105 Keys
- 360° Safeguard against Dirt and Splash Water
- Flat Keys for Safe Routine Disinfection
- Contained Key Membrane Made of Silicone
- Seamless Surface for Complete Wipe Disinfection
- Easy Key Actuation for Perfect Typing
- Effective Usability and Ergonomics
- Minimum Life Cycle Cost by Efficient Data Entry
- Exchange Membrane for Machine Reprocessing
- Protection Class IP68 as Option

Features & Benefits:

The AK-C8100 is a high quality, high performance, and highly reliable PC-keyboard. The purification and disinfection capacity makes it a perfect fit in hospitals, at practitioners and in microbiological laboratories. The silicone membrane protects keyboard and key field against ingress of dirt and fluids. The AK-C8100 impresses with congenial key actuation and precise key guidance. With its standard PC key layout, the AK-C8100 is highly recommendable for heavy duty type writing in hygiene critical applications.

The AK-C8100 increases protection against infection and limits risk and liability of the health care provider:

- Thorough wipe disinfection of key field and keyboard reduces microbial burden in the hospital
 - Silicone key membrane with low key profile and contained, seamless surface offers effective protection against cross contamination, proliferation of microbes and formation of biofilms
 - ✓ No vector for nosocomial pathogens by building an effective germ barrier at the workplace
 - ✓ No microbial growth on debris and residues from disinfectants in hollow spaces
 - ✓ No spread of germs and surface recontamination by leakage of polluted cleaning suds
 - CleanFunction allows to switch off the keys while cleaning ("Fn"+"Clean on/off")
 - Approved for clinical wipe disinfection according to VAH-List (Germany)
 - Machine reprocessing of exchange membrane at 93°C and 134°C (in addition to wipe disinfection)
- or: Fully Sealed membrane for protection class IP68 (Option)

Specification	
Compatibility	All Operating Systems that support Standard USB Keyboards
Temperature Range	Storage -20° to +60° C, Operation 0° to +50° C
Key Membrane	Exchangeable Silicone Membrane (Standard) or Fully Sealed IP65 (Option)
Chemical Resistance	Wipe Disinfection according to Guidelines Cleaning and Disinfection DGHM/VAH
Interface	USB 1.1 (1.2 MBit/s)
Supply Voltage	6 V by 4x AAA Batteries
Current Consumption	Typ. 5 mA (USB: Low Power Device)
Connector	USB Type A (Nano Dongle), Range approx. 10m (2,4 GHz RF)
Dimensions (incl. Membrane)	Approx. 449 x 142 x 32 mm
LED Status Indicators	Caps Lock, Num Lock, Scroll Lock, CleanFunction
Key Switch Technology	Scissor 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, Certificates	CE, RoHS, FCC Certification, EN60601-1-2:2015 (IEC 4th Edition)

*No Medical Device according to MDR 2017/745 EU

Part# / Keyboard: AK-C8100F-FUz-y/xx

Part# / Exchange Membrane: AK-C8100-y/xx

Identifier z = Version/Option 1 = Wipe Disinfection (Standard) S = Fully Sealed / IP65 with Locked Battery Compartment, USB Connection (Option)	Identifier y = Color W = White (Standard) WB = White Housing, Black Membrane	Identifier xx = Country Version US = US English GE = German SP = Spanish BE = Belgium FR = French CH = Swiss NOR = Nordic Other Versions upon Request IT = Italian UK = UK English
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