

# Disinfectible Optical Mouse with Scroll Wheel Sensor

## AK-PMH1 Series MedicalMouse\*



### Highlights:

- Smart, Elegant Hygiene Mouse
- Easy-To-Use Scroll Sensor
- 360° Safeguard against Dirt and Water
- Silicone Membrane for Utmost Hygiene
- Protection Class IP68 Fully Sealed
- 1000 dpi Optical System
- 2 Hard Cover Mouse Buttons
- Precise Scroll & Cursor Control
- Wipe Disinfection according to VAH-List

### Features & Benefits

The AK-PMH1 is a highly reliable PC-mouse, particularly designed for the use in hospitals and at practitioners, microbiological laboratories as well as industrial environments. The silicone membrane protects against ingress of dirt and fluids. The AK-PMH1 impresses with precise key actuation and accurate scroll emulation. The AK-PMH1 is highly recommendable for applications in dirt and hygiene critical areas.

The AK-PMH1 provides the following benefits:

- Self-containing, seamless surface of the silicone membrane
- Thorough surface sanitation by wipe disinfection
- Protection class IP68 for submersion cleaning and machine reprocessing
- Suitable for a multitude of hospital cleaning agents and surface disinfectants
- Protection against contamination during disinfection:
  - ✓ No surface re-contamination by leaking cleaning fluids
  - ✓ No germ proliferation with displaced pathogens
  - ✓ No microbial growth on disinfectant residues in hollow spaces

### Applications

- Hospitals, Healthcare Providers
- Microbiological Laboratories
- Food industry

Specification	
Compatibility	All Operating Systems Supporting Standard USB Mouse
Interface	USB 1.5 MBit/s
Power Supply	5V +5/-10% through USB Interface
Current Consumption	10mA (typical)
Connector	USB Type A
Resolution	1000 dpi
Key Switch Life Time	1 million Actuations
Sensing Technology	Optical
Dimensions	appr. 112 x 60 x 38mm
Temperature Range	Operating: 0°C to +50°C, Storage: -20°C to +60°C
Keys	2 Mouse Keys, Scroll Wheel Sensor
Key Travel	appr. 1mm
Sensor Area	appr. 12 x 30mm
Chemical Resistance	Suitable for most clinical cleaning agents and surface disinfectants
Agency Approvals	CE, RoHS, FCC Test Report, EN60601-1-2:2015 (IEC 4 <sup>th</sup> Edition)

\*No Medical Device acc. to MDR 2017/745 EU

Part#: AK-PMH1OS-US-W (white)  
Part#: AK-PMH1OS-US-B (black)

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