

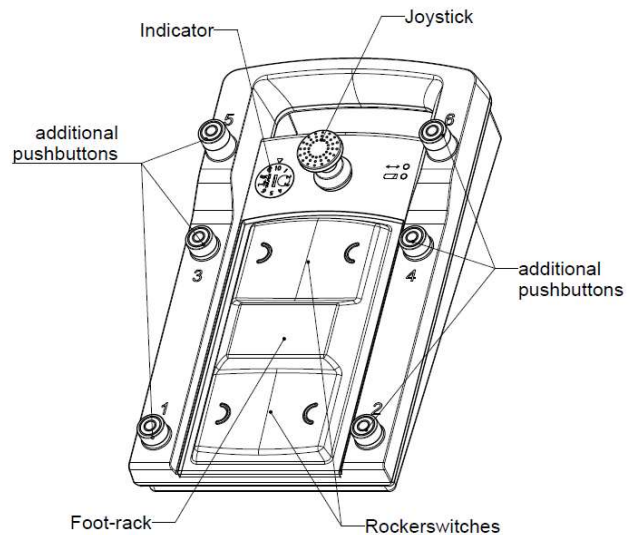


Product name: MFS Microscope SW2.4LE-MED

Material-Nr.: 1380391

Specification

- Footswitch with 14 functions
- Steute-wireless SW2.4LE-MED
- Top housing color NCS-S-2502-B (light grey)
- Printing: steute logo left, numbers 1 to 6 and symbols in black
- Lower housing color NCS-S-7000-N (dark grey)
- With M16x1,5 closing screw
- 2 rocker switches with foot-rack, collar in NCS-S-7000-N (dark grey)
- 6 pushbuttons with sleeve-color NCS-S-7000-N (dark grey)
- Joystick, switching diagonal, with rubber gaiter and mushroom-type knob, color NCS-S-7000-N (dark grey)
- 2 LED (Display: Connection / Battery status)
- Indicator laser-marked in similar mouse gray RAL7005





Product name: MFS Microscope SW2.4LE-MED

Material-Nr.: 1380391



Technical Data

Applied standards	IEC 60601-1 (Basic Safety) IEC 60529 (Degrees of protection) Conformity assessment by customers!
Top housing	PC/ABS, UL 94-V0, similar NCS-S-2502-B (light grey)
Lower housing	PC/ABS, UL 94-V0, color NCS-S-7000-N (dark grey)
Rockerswitch	4 switching functions / ≥ 250.000 lifetime per switch
Pushbutton	≥ 250.000 lifetime per pushbutton
Joystick	4 switching function (diagonal switching) / ≥ 250.000 lifetime per switch
Connection type	Radio
Degree of protection	IPX8 (1m / 35 Min.) according to DIN EN 60529
Dimensions	420x242x95mm (LxBxH)
Weight	$\leq 2,6$ kg

Electrical Ratings

Supply voltage	3 batteries LR14 (Type C) = 4,5 VDC
Inrush current	~ 30 mA

Radio specifications

Performance	
Distance	10 m -30 m (with internal antenna, depends on spatial conditions and the surrounding)
Output rating	max. 3 dBm (max. 7 dBm optional)
Input sensitivity	-93 dBm
Antenna	Internal antenna with U.FL-plug
Radio technology	
Frequency range	2402 to 2480 MHz
Chanel spacing	2 MHz
Modulation	GFSK, adaptive frequency hopping of 40 channels
Applied wireless standards	
Europe	EN 300 328 V2.1.1, EN 301 489-1 V2.2.0, EN 301 489-17 V3.2.0
Transmitter and wireless module registration	
USA	 , Part 15C , single Modular, Identifier: XK5-SW24LE
Canada	RSS-247 Issue 1, Identifier: 5158A-SW24LE
Japan	ARIB STD-T66, Identifier: 204-650001
 Please note the instruction manual for the SW2.4LE system (D023336) (Document on request)	



Product name: MFS Microscope SW2.4LE-MED

Material-Nr.: 1380391

Environmental conditions

	Storage/Transport	Operating
Temperature range	-18 °C up to +55 °C	0 °C up to +45 °C
Relative humidity	10 % up to 100 %	10 % up to 100 %
Air pressure	500 hPa – 1060 hPa	700 hPa – 1060 hPa

General notes

The foot switch as a component of a medical device can be evaluated only together in the overall system of the customer. Therefore the conformity evaluation including the classification of the overall system according to the Medical Device Directive 93/42/EEC respectively EU Medical Device Regulation 2017/745 must be carried out at the customer. In addition, validation can also only be carried out by the customer in the overall system.

Furthermore, the intended use and the basic functions are verifiable only in interaction with the overall system. As a result, the customer must involve the footswitch in his risk management, his usability analysis, the verification of the electromagnetic compatibility and, if applicable, the verification of the biocompatibility.



Please refer to the technical description MFS Microscope SW2.4LE-MED (D038004).

Maintenance/cleaning

- During cleaning, avoid wiping with a cloth under the pedal, because this may cause the springs to move out of position.

Safety instructions

Despite careful production and inspection as well as redundant design of important components, an entirely safe function cannot be guaranteed at all times (in case of malfunction, for example, a switch contact can turn off incorrectly).

Risk of injury due to incorrect handling!

- The plug connections must not be subjected to mechanical loads!

Components, especially pedals or other actuating elements, may not be disassembled or dismembered under any circumstances! If this happens the products need to be send back immediately.

Errors and omissions excepted.