

Foot Control

FS3

FS3 Foot Control drives up to 3 actuators, has a patented safety design, and complies with the German standard DIN VDE V 0750-2-52-2:2021-10, the latest revised safety regulations for medical electrical equipments. If the down pedal is subjected to additional force and pressed deeper, whether intentionally or accidentally, the FS3's internal safety option releases the switch and immediately stops the descent.



Features and Option

Main applications: Medical

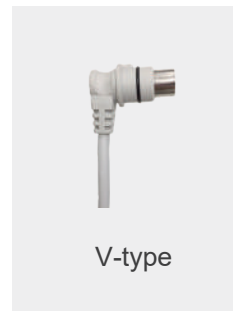
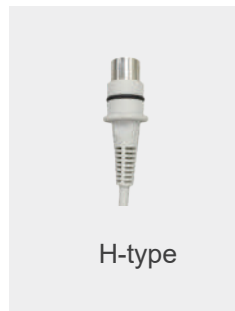
Standard features:

- Max. motor number to control: 3
- Max. number of pedals: 6
- IP Protection level: IPX6
- LED power indicator
- Color: Light gray (RAL 7035)
- Safety mechanism included in the down pedal (only on the right pedal of each pair)
- Optional cable length

Compatibility

Product	Model	FS3 Specification
Control box	CM45, CB4P, MD6C, MD7C	<ul style="list-style-type: none"> - Moteck P1 control category - With Moteck H-type or V-type DIN plug
Accessory	JB3	<ul style="list-style-type: none"> - Without LED power indicator - With Moteck H-type DIN plug

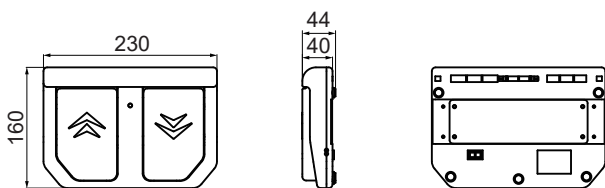
Cable plug



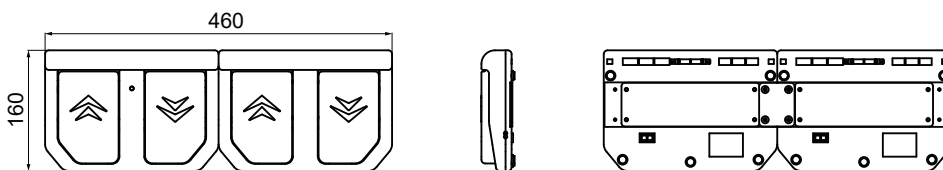
Dimensions

- 2 pedals

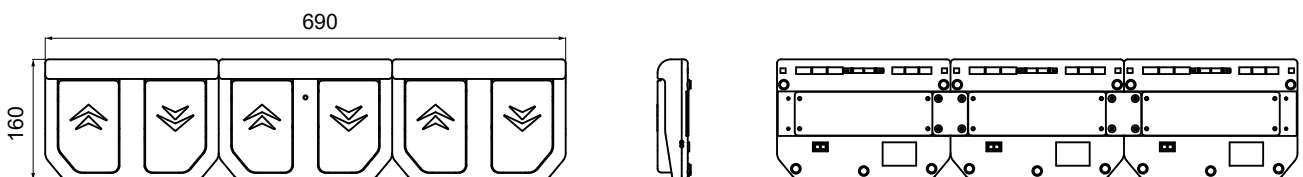
Unit: mm



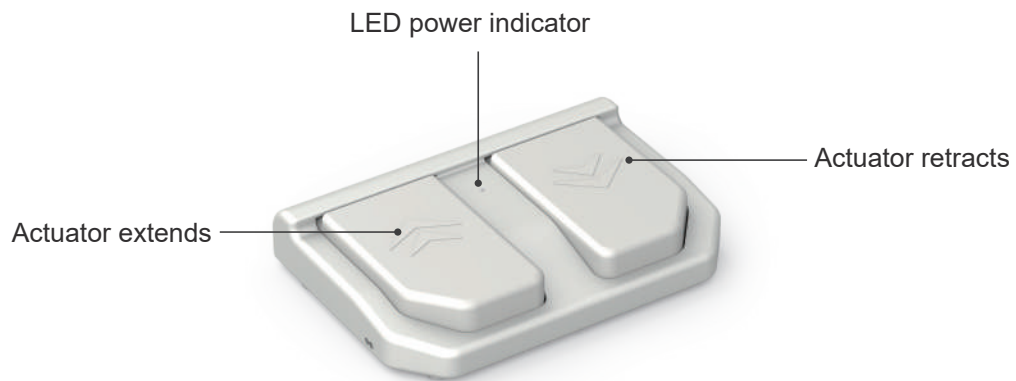
- 4 pedals



- 6 pedals



I/O Introduction

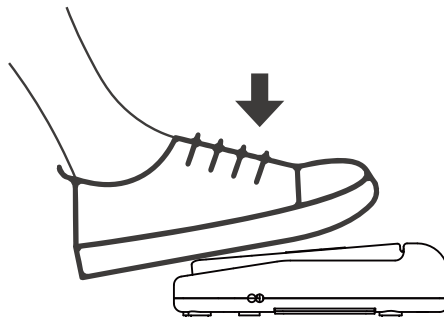


Remarks:

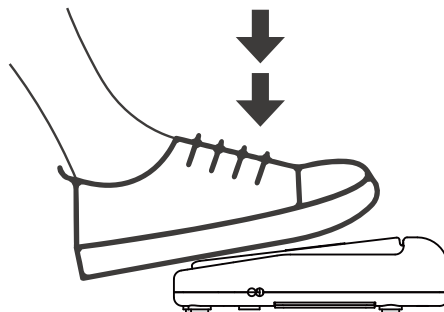
The operation type is 'momentary control', that is, press the button to move and release the button to stop immediately.

Safety Mechanism

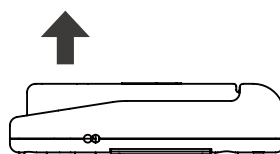
1. Press the pedal with normal force to retract the actuator; release the pedal to stop the actuator.



2. If additional force is applied to the down pedal and the pedal is pressed deeper, whether intentionally or unintentionally, an internal safety mechanism (optional) releases the switch and immediately stops the descent.



3. By releasing the pedal and allowing it to spring back, the internal safety mechanism will return to its original position and the pedal function will return to normal and be available for use.



Function Definition

- 2 pedals

Code	A		B		C	
Motor	1 drive		1 drive		1 drive	
Definition	M1+	M1-	M2+	M2-	M3+	M3-



- 4 pedals

Code	D			
Motor	2 drives			
Definition	M1+	M1-	M2+	M2-



- 6 pedals

Code	E					
Motor	2 drives					
Definition	M1+	M1-	M1+M2+	M1-M2-	M2+	M2-

Code	F					
Motor	3 drives					
Definition	M1+	M1-	M2+	M2-	M3+	M3-



Remarks:

- 'M1': Motor/Actuator #1
- 'M2': Motor/Actuator #2
- 'M3': Motor/Actuator #3
- '+' : Actuator extends
- '-' : Actuator retracts

Ordering Key

FS3 - 2 - A S 0 3

Number of pedals	2 : 2 pedals 4 : 4 pedals 6 : 6 pedals
Function Definition	A~F (Refer to page 4)
Safety mechanism	0 : Without safety mechanism S : With safety mechanism (only on the right pedal of each pair)
LED indicator	0 : Without LED power indicator 1 : With LED power indicator (Standard)
Cable length	3 : 1000mm straight 6 : 2000mm straight 7 : 3000mm straight A : Length 1190mm, spiral 440mm

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