

NLZ Built-in Motor System

SELECTION GUIDE

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1 Introduction

1 Introduction

Please contact your agency and NSK after carefully considering the way of installing it to the chair unit by this manual. We will offer you the best suitable set including PCB, cable with the detailed explanation.

2 Symbol



The product can be used with a washer-disinfector for thermal disinfection.



This product can be sterilized in a steam sterilizer at 135 °C.



Caution: U.S. Federal law restricts this device to sale by or on the order of a licensed physician.



Manufacturer

3 Components

NLZ BF Individual Components

- NLZ Control PCB

Control PCB (PCB with case): NLZ BF				
NLZ BF NLZ BF CG IN A A STORY OF A STORY	MODEL NE348	ORDER CODE U1104002	Dimensions with case: W115 x D68.5 x H40 (mm)	

- AC-DC Adapter PCB

AC-DC Adapter PCB (PCB with case): NLZ ADP				
NLZ ADP NLZ ADP SURVICIOS STATE SURVICION STATE SURVI	MODEL NE352	ORDER CODE U1104051	Dimensions with case: W60.2 x D81.4 x H45.2 (mm) The conversion from AC24 V to DC+32 V.	

- Selector PCB

Selector PCB (PCB with case): NLZ SEL				
NLZ SEL MOCE: MCWEI NEWO SUPPY VOLTAGE DCZDY POWER HRVDT SWA EWI SAMPLE OS MAKENISTI NE G MAKENISTI NEW G MAKEN	MODEL NE350	ORDER CODE U1104056	Dimensions with case: W68.5 x D56.5 x H38.5 (mm)	

- Micromotors and Motor Cords

Micromotor: NLZ			
ASK NLZ	MODEL NLZ	ORDER CODE E1152051	E1152051 is autoclavable.
Materia Canada (Fara NII 7 Milana anatan), NII 7 ODD			

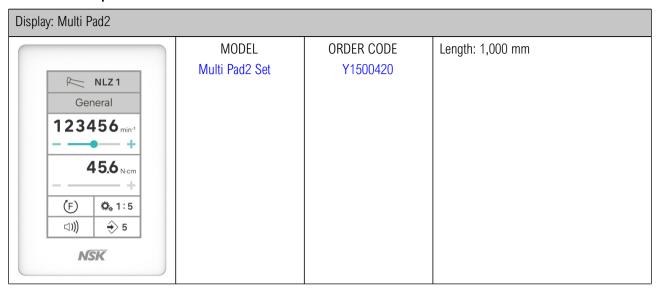
Motor Cord (For NLZ Micromotor): NLZ CDB				
	MODEL	ORDER CODE	Only for NLZ, Long rear cover type	
	NLZ CDB	EA1152X061	Length: 2,200 mm	

- Lead Connectors for NLZ BF

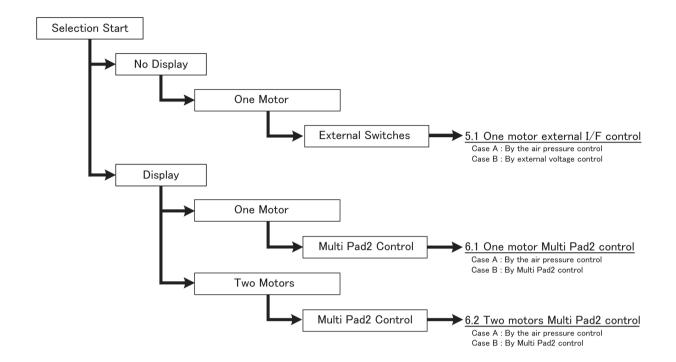
MOTOR HARNESS								
	MODEL MOTOR HARNESS	ORDER CODE U522057	Length: 200 mm					
SENSE HARNESS	SENSE HARNESS							
	MODEL SENSE HARNESS	ORDER CODE U1104502	Length: 200 mm					
EX-IF HARNESS								
	MODEL EX-IF HARNESS	ORDER CODE U1104501	Length: 600 mm					
SELECT HARNESS	SELECT HARNESS							
	MODEL SELECT HARNESS	ORDER CODE 20000907	Length: 200 mm					
FUSE HARNESS								
	MODEL FUSE HARNESS	ORDER CODE U1104504	Littelfuse 021506.3MXP attached. Length: 600 mm					
NLZ POWER HARNESS								
	MODEL NLZ POWER HARNESS	ORDER CODE U1104500	Length: 28 mm					

3 Components

Multi Pad2 Component



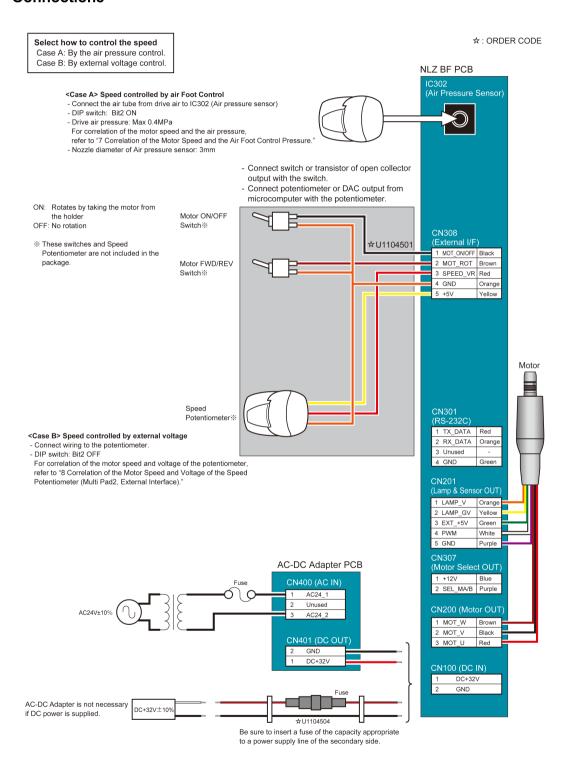
4 Selection Chart



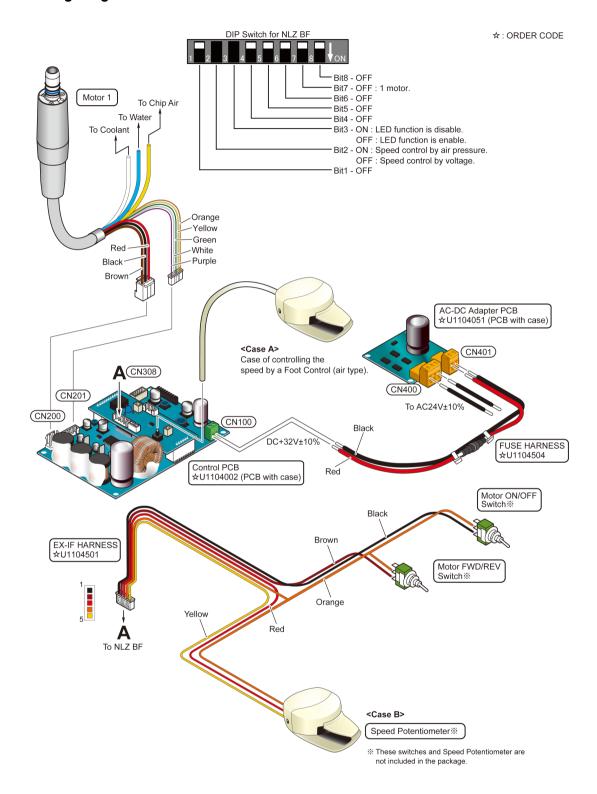
5 NLZ Built-in Motor

5.1 One motor external I/F control

5.1.1 Connections



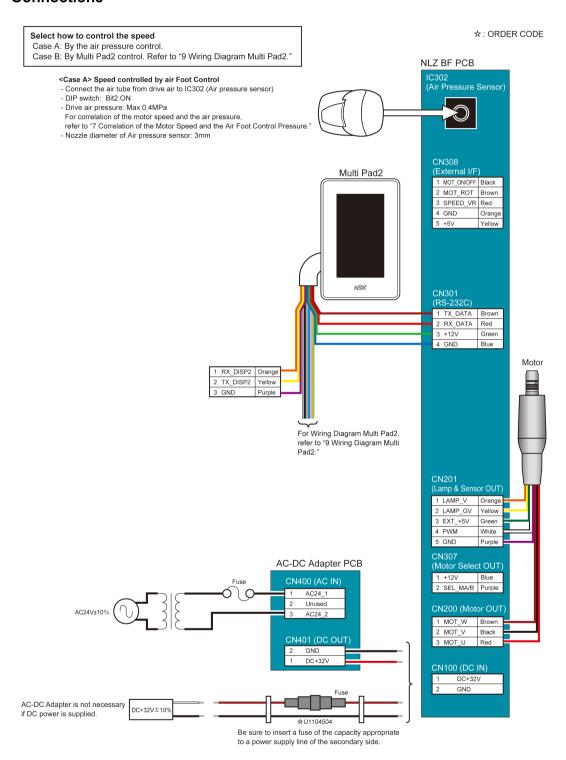
5.1.2 Wiring diagram case 1



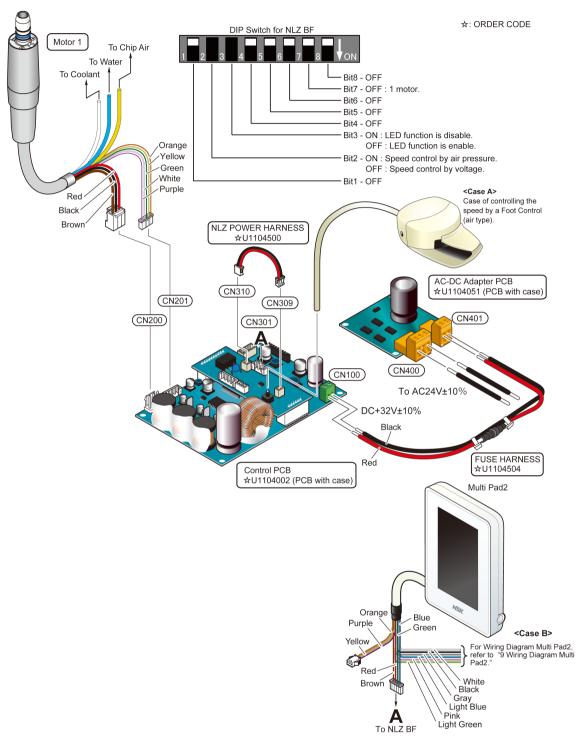
6 NLZ Built-in Motor System

6.1 One motor Multi Pad2 control

6.1.1 Connections



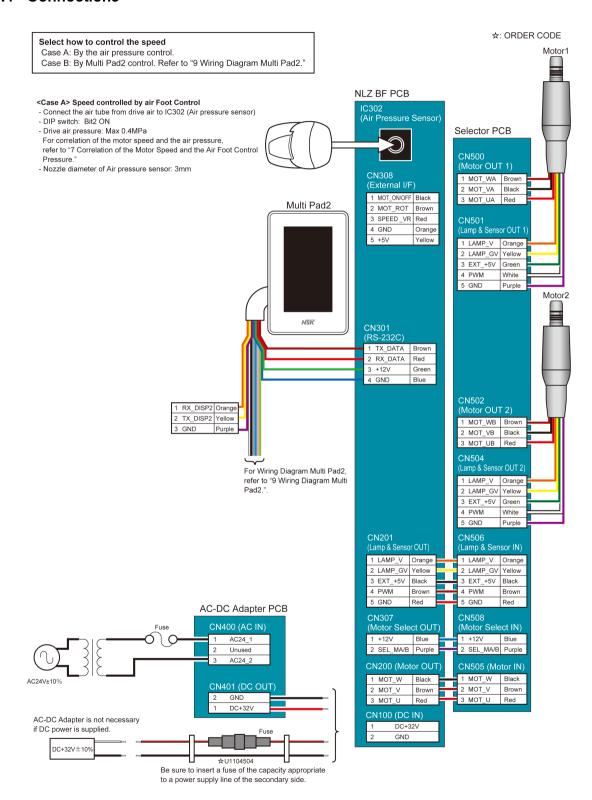
6.1.2 Wiring diagram case 2



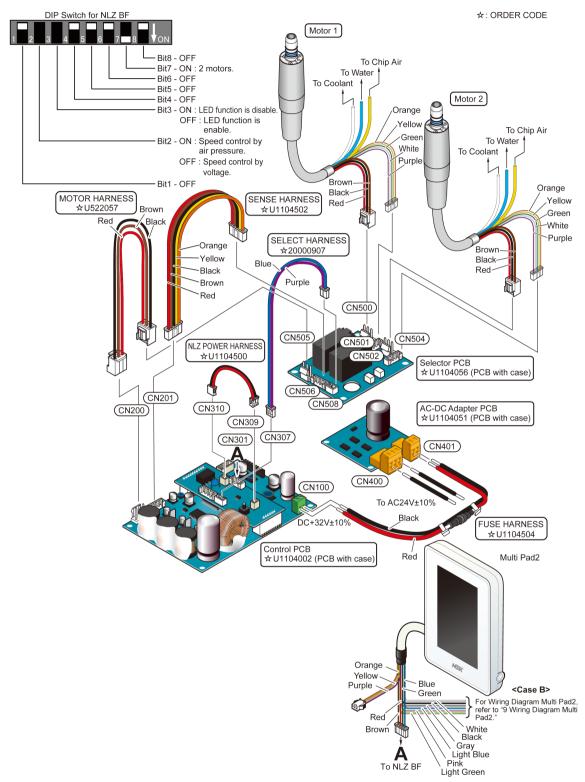
Remove (or cut) unused cables to improve EMC performance.

6.2 Two motors Multi Pad2 control

6.2.1 Connections

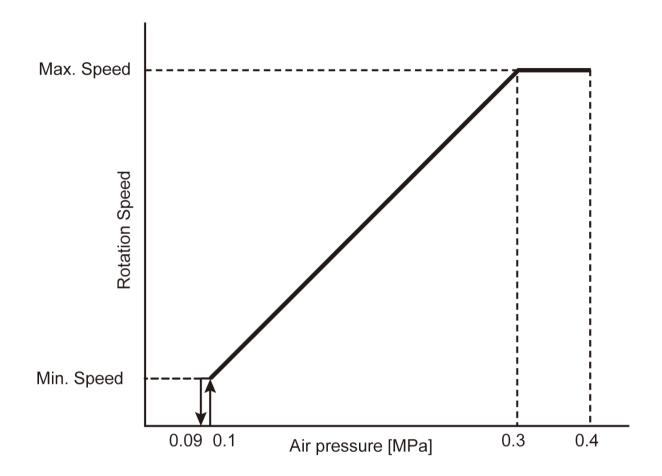


6.2.2 Wiring diagram case 3

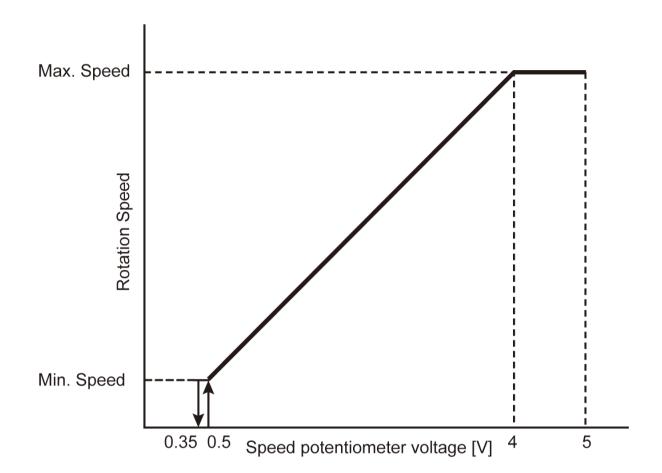


Remove (or cut) unused cables to improve EMC performance.

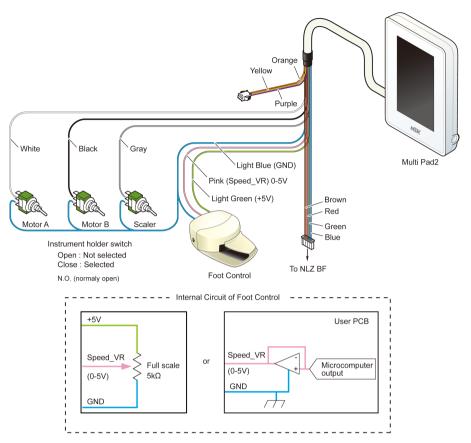
7 Correlation of the Motor Speed and the Air Foot Control Pressure



8 Correlation of the Motor Speed and Voltage of the Speed Potentiometer (Multi Pad2, External Interface)

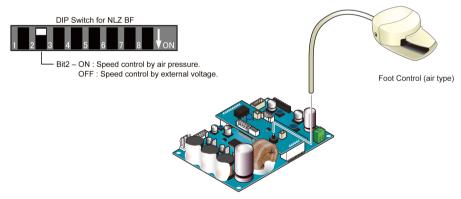


9 Wiring Diagram Multi Pad2



For correlation of the potentiometer, refer to "8 Correlation of the Motor Speed and Voltage of the Speed Potentiometer (Multi Pad2, External Interface)."

In case that the system needs to be adjusted by air pressure>
No electric wiring for the Foot Control is needed. (Wiring for the switches are needed.)
Use the air tube and connect to the IC302 of NLZ BF PCB. Also turn the Bit2 of the DIP switch ON position.



Insulate and bundle the wires which are not being used to avoid short-circuit.

