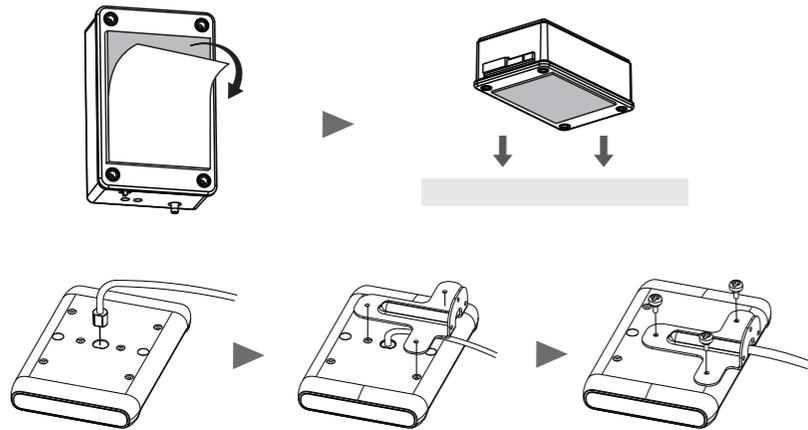


# Dental Electrical Motors (built in)

## C-PUMA<sup>INT+</sup> Installation instructions

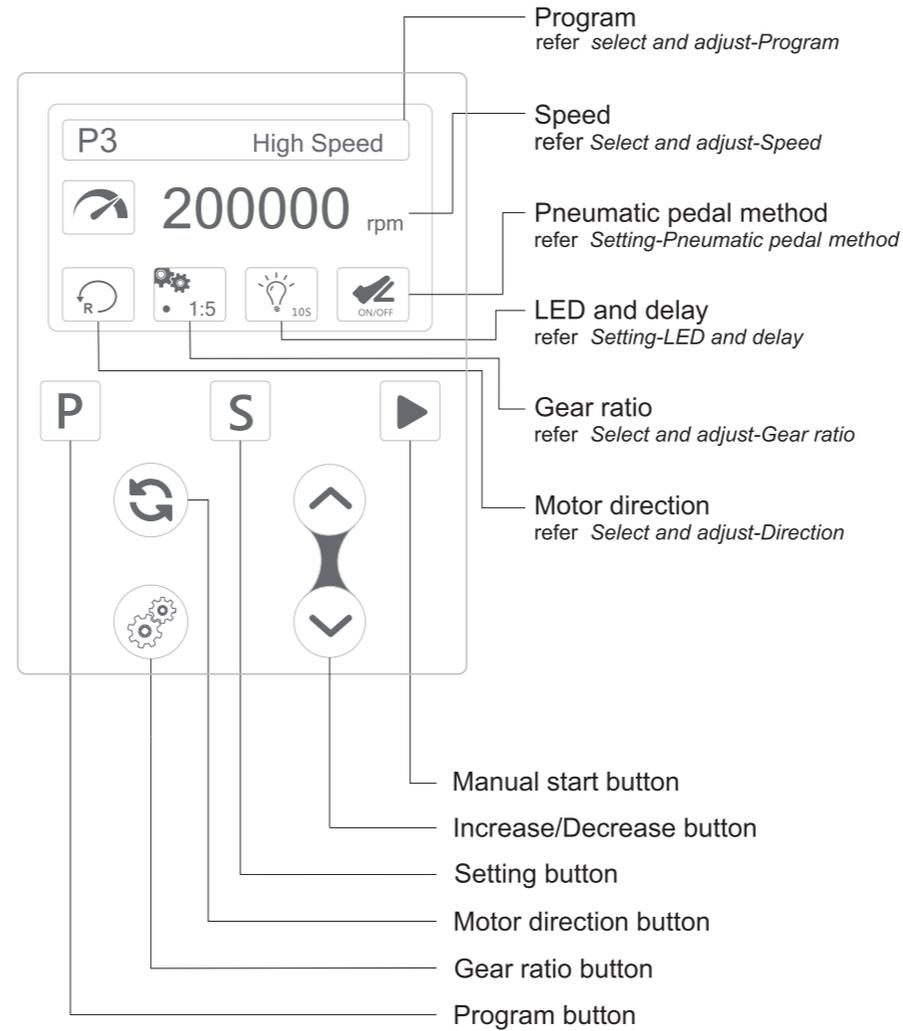
### Installation



### Technical parameters

1. Power : 50VA
2. Control box, input voltage: AC 24V
3. Range of speed: 2,000 - 40,000 rpm
4. Torque output: 2.0 N.cm
5. Environment temperatures: -10~+55°C
6. Humidity: 20~80% RH
7. Atmospheric pressure: 86~106kPa
8. Protection against electrical shock: Type B

### LCD screen and Touch panel



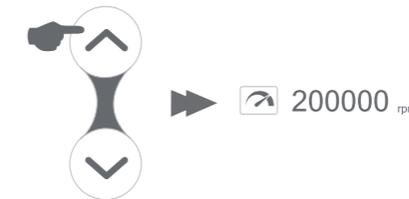
### Select and adjust

#### 1. Program



Program	Default settings
P1 My favorite1	
P2 My favorite2	
P3 Tooth prep(H)	1:5 200000 rpm
P4 Toothprep(L)	1:5 20000 rpm
P5 Contra angle	1:1 40000rpm
P6 Straight	1:1 40000 rpm
P7 Polishing	1:1 5000 rpm

#### 2. Speed



Gear ratio	Speed range (rpm)
1:5	10000-200000
1:1	2000-40000
4:1	500-10000
10:1	200-4000
16:1	100-2500
20:1	100-2000

#### 3. Direction



	Forward
	Reverse

#### 4. Gear ratio



Gear ratio					
1:5	1:1	4:1	10:1	16:1	20:1

## Setting

### 1. Setting mode



### 2. LED and delay



LED off



No delay



10S delay

### 3. Pneumatic pedal method

**ADJUST** The speed consign value is (linear) function to the pressure on it.

**ON/OFF** The speed consign is equal to the maximum speed once the pedal is pressed.

### 4. Input pneumatic pressure

**Min** 0.10 Mpa Min. input pneumatic pressure 0.03-0.10 Mpa

**Max** 0.40 Mpa Max. input pneumatic pressure 0.20-0.40 Mpa

## Cleaning, Disinfection and Sterilization

Use a moist disposable cloth to wipe down all visible surfaces of the motor surfaces, and connecting cables.

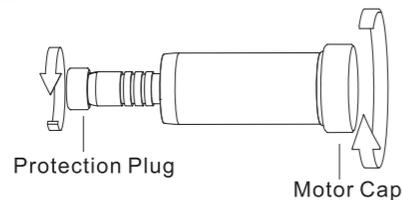
Use a soft disposable cloth and an approved disinfectant for disinfection by wiping down all visible surfaces of the motor surfaces and connecting cables.

**134°C** The following parts are released for sterilization:

Motor without cable

Autoclave with 3-fold fractionated pre-vacuum:

- At least 3 minutes at 134°C
- Drying time: 20 min.
- Screw the Motor Cap to the Motor and the protection plug to the Motor connection.



## Dental Brushless Electric Motor(built-in) installation diagram

