



NAIL FILING SYSTEM
UP200C Series Controller

INSTRUCTION MANUAL

- We thank you for your purchasing our products.
- Please read this instruction before practical operation.
- Please keep this instruction close to the people who are going to use the appliance.

1. APPLICATIONS

- * To control the micro-motor handpiece only.
Not possible to be used for the other applications.
- * For every nail filing (forming, buffing, sculptured, pierce drilling etc.)
Do not use the unit for the other applications.

2. PRECAUTIONS

- * The following precautionary articles show how you operate our products safe and right, which prevents you from any danger or damage before happened.
- * Never fail obeying to any article, in which crucial and important matters are shown concerning safety.

⚠ WARNING	This symbol indicates the possibility of being dead or wounded seriously for men if our products are operated by mistake regardless of this instruction.
⚠ CAUTION	This symbol indicates the possibility of being hurt for men or generating material damages if our products are operated by mistake regardless of this instruction.

2.1 Clothes while at work

⚠ WARNING

- * Please work in due order. Knitted gloves, clothes with open cuffs and long hairs are in danger of being caught in a machine.

⚠ CAUTION

- * Please put goggles on not to enter dusts and grits into eyes. In addition, please put a protection mask on not to inhale dusts and grits.

2.2 Safety Operation

⚠ WARNING

- * Please use Appliances in a place where the temperature is from 0 to 40 °C and the relative humidity is from 20 to 80% (no dew condensation). Please never use them in humid, wet places and outdoors in the rain. It may invite electric shock or fire, weaken insulation and cause rust and bad operation.

- * Do not use absolutely in any place where there are flammable or explosive materials such as lacquer, paints, thinner, gasoline, gas and adhesives.

- * Also, ensure that there is no flammable and no corrosive gas areas.

- * Please do not damage the AC cord and Motor Cord to prevent electric leakage and shock or fire.

⚠ CAUTION

- * Please work in a clean and full space and use Appliances in well orderly areas not to stumble over cords.
- * Please do not place a cloth or anything else on the ventilation slits of Appliance. Also, please avoid using while any dust is attached around the ventilation outlet.
- * Please take care not to allow any alien substances such as water, oil, and dust into Appliances.
- * Please do not blow something like compressed air into ventilation slits of Appliance.
- * Please pull the AC plug out from the receptacle when not operated.

- * Please keep Appliances in well dried areas.
- * Please keep Appliances in a place not to be reached by Children.
- * Please never make any modification, which may damage original performance and safety.
- * Please keep you from breaking down and adjusting the Appliance by yourself.

2.3 Precautions while at work

⚠ WARNING

- * Please never fail using Controller under the voltage indicated in the panel.

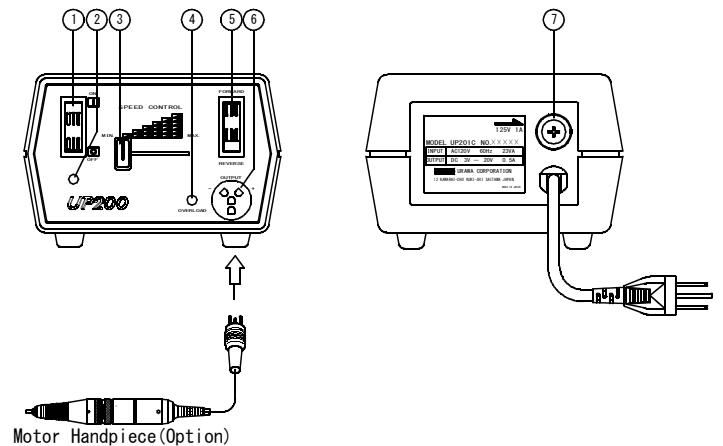
⚠ CAUTION

- * Please stop the operation if any bad rotation or other abnormal movement is found out while at work.
- * Please ensure that any tool should be well chucked and after adjusting the speed control knob on the controller to the left 「MIN」. After then, please switch the power on and increase rotation speed gradually.
- * Please take care not to drop Controller especially.

2.4 Maintenance and Inspection

- * When dirt is found eminently, remove it with a cloth dipped in a detergent solution in water and well wrung. After then, wipe with a dry duster.
- * Periodical inspection is recommended every 1 or 2 years to use the appliance safely and efficiently. Please consult your supplier for the service.

3. PARTS IDENTIFICATION / CONNECTION



- ① Power Switch ② Power Indicator ③ Speed Control Knob
- ④ Overload Indicator ⑤ Rotation Switch ⑥ Output Jack
- ⑦ Fuse/Fuse-holder

- * Make it sure that each switch or knob on Controller should be on the following positions:

POWER 「OFF」
SPEED CONTROL 「MIN」

- * Connect the Handpiece to Output Jack.
- * Ensure that the Power Switch is turned off before connecting the AC plug to the power supply.

4. OPERATION

- (1) Turn the Rotation Selection Switch ⑤ to either FORWARD or REVERSE position.
- (2) When the Power Switch ① is turned on, the Pilot Lamp ② will light up.
- (3) Then, Motor handpiece will start to rotate.
The speed is controlled by adjusting the Speed Control knob ③.

5. SAFETY SYSTEM

5.1 Circuit Breaker

The Circuit Breaker will cut off the power to the Handpiece temporarily and the Overload Lamp will light up yellow under the following unusual operating conditions:

- * Motor Handpiece is operated under overloaded condition.
- * Motor Handpiece is locked and is stopped.
- * Set Ring is turned by mistake during operation.

To resume operation of the Motor Handpiece, it is possible to be resumed by the Power Switch as the following orders:

- 1 Slide the Speed Control Knob to the left 「MIN」 position.
- 2 Turn the Power Switch 「OFF」 and make it sure that the Overload lamp lighted yellow has gone out completely.
- 3 Turn the Power Switch 「ON」 and resume the rotation speed gradually to the best speed for your application.

6. SPECIFICATIONS

Model	UP201C	UP203C	UP205C
Input	AC120V 60Hz 23VA	AC230V 50Hz 23VA	
Output	DC 3 - 20V 0.5A		
Dimensions	w 130mm × d 132mm × h 87mm		
Weight	1.4 kg		

EU Declaration of Conformity for Instruction manual

Application of Council Directive :
98 / 37 / EC (Machinery Directive)
2004 / 108 / EC (Electro Magnetic Compatibility)

Type of Equipment : Power Control Equipment

Model Name : UP203C

Manufacture's Address : 12 Kawarai-cho, Kuki-shi, Saitama-ken,
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Date : February 2009 Signature : *Takashi Ozawa*
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* The specifications and designs in this Instruction manual are subject to change without notice.

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