

OTG[®]

On-The-Go

Mini Table Top Micromotor Drill

OWNER'S MANUAL

👉 Please take a moment to read this manual prior to operation!



 **RAM PRODUCTS, INC.**[®]

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0920 - Rev0



SET INCLUDES

- ✓ OTG Controller with Digital Display
- ✓ AC/DC Power Adapter
(Input: 100-240V-50/60Hz 2A Output: 24V-3000mA)
- ✓ RP300 Handpiece (0-35,000 RPM)
- ✓ Controller Holder with Belt Clip and Adjustable Handpiece Holder

Suggested Maintenance

- Keep the handpiece clean of dust and grindings as best as possible.
- Wipe the handpiece down only with isopropyl alcohol gently and avoid getting the inside components wet. It is normal for the handpiece to feel slightly warm after continued usage.
- Do not oil the handpiece and do not clean with water (bearings are grease sealed).
- Clean gently with a can of compressed air.

Battery Warning



- Controller uses a Li-on Lithium Ion battery which can be recharged approximately 500 times or has an approximate 5 years life. Use the battery and enjoy the freedom and flexibility.
- In case of contact with liquids or body skin or eyes wash immediately.
- In case of shorter operating time between charging or if slower speeds, it could indicate the battery is wearing or not charging properly. Li-on batteries do not have a memory affect and do not need complete discharge.

The battery is user replaceable.



SET-UP

Please carefully inspect upon setting up.



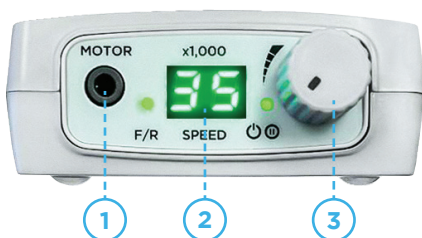
There is a protective plastic film over the LCD which can be removed. Do not wipe LCD screen with any abrasives or chemicals. We suggest a microfiber cloth or isoprophyl alcohol.

FRONT

LEFT

RIGHT

HOLDER



- 1 Handpiece connects to the motor connector on the left side of display.
- 2 When the unit is on and power is in standby mode, the LED screen will blink waiting for attention.

- ③ Turn the speed dial knob clockwise (to the right) to turn the OTG power on and off. Turning the speed dial can adjust the speed on the display from 0-35. Push the speed dial in to pause, stopping the motor rotation.
 - ✓ Gently push the speed dial in and the handpiece will start operating.
 - ✓ Gently push speed dial so the display is blinking and on standby mode or completely turn off before changing bits.
 - ✓ Power off by turning speed dial off.
- ④ Direction can be changed by pressing F/R (Forward/Reverse) on the left side. Forward direction is indicated in front by a green LED and reverse direction is indicated by a blue LED.
- ⑤ AC/DC Power Adapter connects on right side.
- ⑥ Plastic Controller Holder: Convenient acrylic plastic securely holds the controller by sliding in the rear and gently pulling back the 2 front clips, one by one to lock in the controller. On the left side is the handpiece holder which can be adjusted by the Phillips screw to angle upward if resting on the table or desktop. Bottom plastic clip can fit over a belt or pants.

Caution:

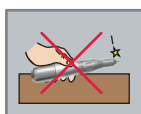


Transport and storage conditions:
 Temperature: -4 ~ 140 °F
 Humidity: 0 ~ 90% RH
 Atmospheric Pressure: 500hPa to 1060xhPa

Use bits conforming to ISO standards



- ① Be careful not to drop the handpiece as it may damage the bearings.



- ⑤ Do not put the handpiece down before it stops rotating completely.



- ② If dropped, check if the bit is bent or if any excessive heat or noise is generated, operating it slowly and carefully.



- ⑥ Use safe rotating speeds suggested by the bur manufacturer.



- ③ Do not turn on the power of the controller while the collet of the handpiece is in the unlocked open position.



- ⑦ Keep the workplace clean. Debris may cause an accident. Always wear proper eye protection.



- ④ Always keep a bur or blank mandrel in the handpiece.



HANDPIECE

RP300



WARRANTY PERIOD

Warranty is valid within the United States only.

ELECTRICAL EQUIPMENT - These products are under warranty for a period of ONE YEAR from the date of original installation by the purchaser.

HANDPIECES - These products are under warranty for a period of SIX MONTHS from the date of original installation by the purchaser. IT DOES NOT COVER MISUSE, NORMAL BEARING, OR CARBON BRUSH WEAR.

IN HOUSE OR FACTORY REPAIR - WARRANTY CLAIMS - Please visit our website, www.ramprodinc.com, to download the Customer Service Request Form located at the bottom of the website page. For warranty claims, please include a copy of your invoice or reference purchase date. It is your responsibility to get the unit to us. Return shipping and handling is covered by Ram Products, Inc.

PRODUCT WARRANTY

All returned items shall be free from defects/alterations in material, workmanship and original product design.

- The product shall have been used under the conditions for which it has been intended, and in a manner for which it has been designed.
- The product shall have been operated in a manner for which it was intended and in the proper environmental conditions.
- The customer must maintain the product as specified within the individual product instruction booklet.

Electrical and mechanical equipments which are mishandled, used incorrectly, and/or used for a purpose other than that for which they were designed and intended, will void the product warranty.

WARRANTY CLAIMS

Should your product require service within the warranty period, we will elect to make the necessary repair or replacement at no charge including return shipping. It is your responsibility to return the product to Ram Products and it is recommended that returns have tracking information and to be adequately insured against carrier loss or damage.

All claims should describe the specific problem for accurate analysis and evaluation, the return date of the warranty card along with the supply house and/or dealer name.

PRODUCT: _____

SERIAL NO.: _____

PURCHASE FROM: _____

PURCHASE DATE: _____

INSTALLATION DATE: _____

WARRANTY REGISTRATION

REGISTER ONLINE at www.ramhp.com/warranty

In order to validate your warranty, this card must be filled out completely and mailed within 10 days of purchase/installation.

PLEASE PRINT OR TYPE

NAME: _____

ADDRESS.: _____

CITY: _____

STATE: _____ ZIP CODE: _____

PRODUCT: _____

SERIAL NO(S): _____

PURCHASE DATE: _____

DEALER NAME AND ADDRESS:

The short survey below is designed to improve the service and quality of product supplied to our customers.

Did the item arrive in a satisfactory condition? **YES** or **NO**?

If NO please explain:

Did the instruction manual provide all details clearly for proper installation and operation? **YES** or **NO**? If NO please explain:

What factor(s) were involved in your decision to purchase this product:

- ☐ Advertisement ☐ Previous Purchase of a Ram Product
☐ Distributor Recommendation ☐ Recommendation by Colleague

Any feedback, comments or suggestions:

Thank you for your feedback.



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