MACHINE FOR SHARPENING OF MANICURE, PEDICURE AND MEDICAL TOOLS

ADEMS GMT-II

MANUFACTURER'S CERTIFICATE

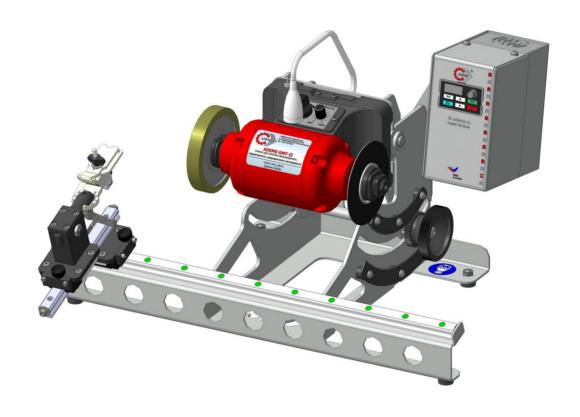


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1. PURPOSE AND SCOPE OF APPLICATION

The ADEMS GMT-II household machine is intended for professional sharpening of manicure, pedicure and medical tools.

2. SCOPE OF DELIVERY

| Scope of delivery of GMT-II includes: | |
|--|----------------------|
| - the household machine ADEMS GMT-II | - 1 pc; |
| - upper part of manipulator | - 1 pc; |
| - ball Ø4 | - 1 pc; |
| - rubber supports | - 4 pcs.; |
| - set of replaceable metal disks Ø125mm | - 4 pcs.; |
| - set of abrasive disks Ø125 | |
| (P320, P600, P800, P1000, P1200, P1500 Grit) | - 1 pc of each type; |
| - abrasive sheets 230x280 (P500, P800, P2500 Grit) | - 1 pc of each type; |
| - aerosol glue 326 ml | - 1 pc; |
| - rectangular container 0,6 l | - 2 pcs.; |
| - foam sponge | - 2 pcs.; |
| - T-allen key№5 | - 1 pc; |
| - wrench | - 2 pc; |
| - oil for nippers' lubricant | - 1 pc; |
| - Manufacturer's certificate | - 1 pc. |
| Scope of delivery of GMT-II Inverter includes: | |
| - the household machine ADEMS GMT-II | - 1 pc; |
| - frequency converter with a box and holder | - 1 pc; |
| - upper part of manipulator | - 1 pc; |
| - ball Ø4 | - 1 pc; |
| - rubber supports | - 4 pcs.; |
| - set of replaceable metal disks Ø125mm | - 4 pcs.; |
| - set of abrasive disks Ø125 | 1 pes., |
| (P320, P600, P800, P1000, P1200, P1500 Grit) | - 1 pc of each type; |
| - abrasive sheets 230x280 (P500, P800, P2500 Grit) | - 1 pc of each type; |
| - aerosol glue 326 ml | - 1 pc; |
| - rectangular container 0,6 l | - 2 pcs.; |
| - foam sponge | - 2 pcs.; |
| - T-allen key№5 | - 1 pc; |
| - wrench | - 2 pc; |
| - oil for nippers' lubricant | - 1 pc; |
| - Manufacturer's certificate | - 1 pc. |
| | |

3. TECHNICAL SPECIFICATIONS

| | ✓ Manicure nippers | |
|--|---|--|
| Types of sharpened tools | ✓ Pedicure nippers | |
| | ✓ Scissors ✓ Medical tools | |
| | | |
| Methods of sharpening | ✓ Rough sharpening✓ Finishing sharpening | |
| interious of sharpening | | |
| Motor power supply voltage, V | 220 | |
| Spotlighting power supply voltage, V | 12 | |
| Nominal motor power consumption, W, not more than | 200 | |
| Frequency of wheel revolution without frequency | 2850 | |
| converter, rpm. | 2830 | |
| Frequency of wheel revolution with frequency | 10002850 | |
| converter, rpm | 10002830 | |
| Outer diameter of diamond wheel and aluminum wheel | 125 | |
| with vinyl coating, mm | 123 | |
| Wheel rim diameter, mm | 32 | |
| Amount of diamond wheels, pieces | 1 | |
| Amount of aluminum wheels with magnet, pieces | 1 | |
| Carriage longitudinal travel, mm | 600 | |
| Carriage lateral travel, mm | 200 | |
| Machine dimensions LxWxH without frequency | 660x540x330 | |
| converter, mm | 000x340x330 | |
| Machine dimensions LxWxH with frequency | 660x640x370 | |
| converter, mm | 000x040x370 | |
| Weight without frequency converter, net, kg | 25 | |
| Packed weight without frequency converter, gross, kg | 28 | |
| Weight with frequency converter, net, kg | 28,6 | |
| Packed weight with frequency converter, gross, kg | 31,6 | |

4. SAFETY PRECAUCION

ATTENTION



Before you start operation visually check the machine and ensure that power cable and moving parts of the machine are not damaged. It is forbidden to switch the machine on in case there are such damages without eliminating it!





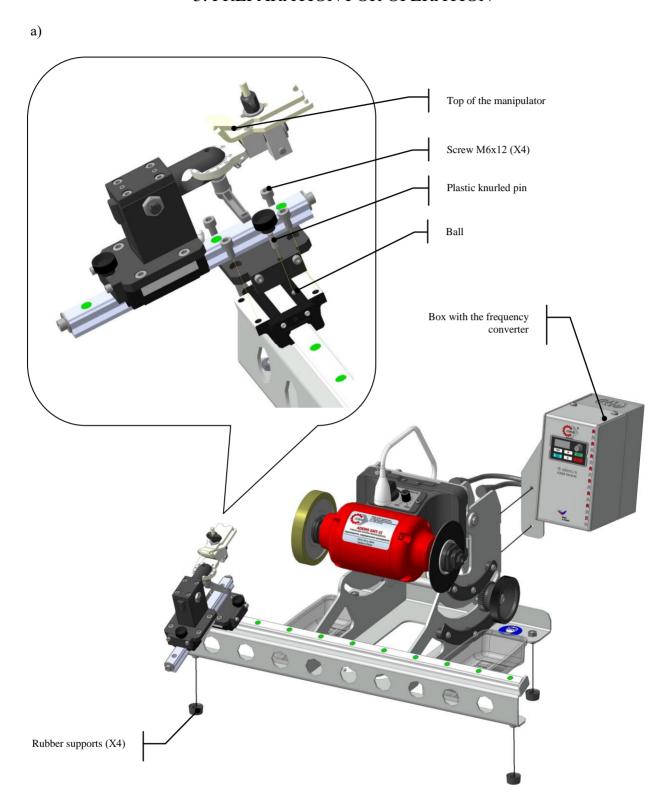
It is recommended to connect the machine to mains socket equipped with earthling wire.





Use protective glasses and face respirator when you operate the machine. Glasses protect only against floating dust and grinding material particles but do not protect against flying debris.

5. PREPARATION FOR OPERATION



b)

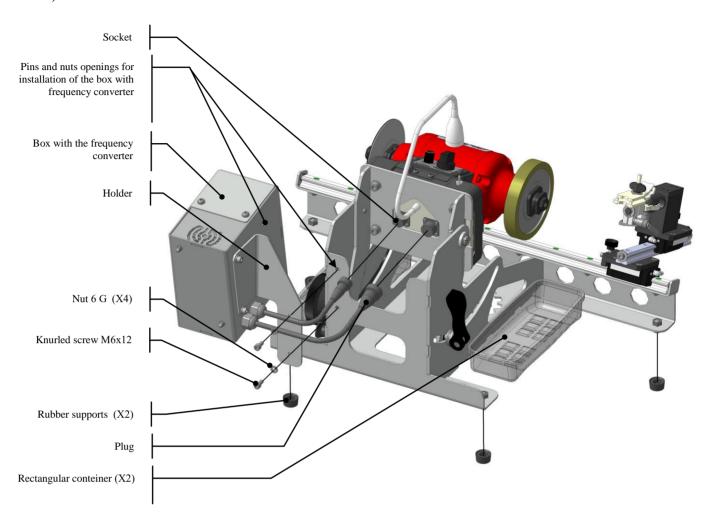


Figure 1 Assembly of the ADEMS GMT-II Inverter machine a) Front view; b) Rear view

Withdraw machine from packaging and put it into assigned workplace in close proximity to power source.

ATTENTION

In case in wintertime you bring a machine into heated room from outside or from cold room, do not unpack the machine and do not switch it on for 8 hours. The machine should warm up to ambient air temperature. Otherwise the machine can break down when it is switched on due to moisture condensed on motor parts.

Put the machine into assigned workplace in close proximity to power source (no longer than 0,9 m.).

ATTENTION

When connected to power source power cable should not be strained: 20% of the cable should lie on the working table.

ATTENTION

The machine should be connected to power supply only after full assembly of the machine.



Make sure that the local power supply network match parameters on the machine label (power supply voltage 220 V, frequency 50 Hz).

ATTENTION

Before connecting of the power cable to the main power socket make sure that the power cable and the power plug are not damaged.

Put the rubber supports under the support screws.

To prevent the accidental damage of the manipulator when transporting it was partly disassembled: the top of the manipulator was took off from the bottom carriage.

Install the upper part of the manipulator on the lower carriage by matching the openings of the bottom plate and of the carriage (Figure 1a). Tighten the screws M6x12, using the supplied Allen key №5. Place the ball into the side plate's opening which limits the course of the carriage movement. Twist at the same opening the knurled screw for fixing the movement of the bottom carriage along the rail.

ATTENTION

The manipulator fastening: the screws M6x12 (X4), the ball Ø4 and the knurled screw is packed in a separate package.

Check the operation of the movable manipulator elements: the carriages, the holder, the clamp. All these mechanisms should move smoothly without jamming.

Check the operation of the fixing elements: wheel position lock, clamping screw lock, knurled screw lock. They should fix the controlled mechanisms firmly.

Install the box with the frequency converter on its place (Figure 1b) by matching the openings for fastening. To tighten the screws M6x12 use supplied Allen-key.

ATTENTION

To prevent losses during transportation the fastening for the box with the frequency converter: screw M6x12 (X4), nut 6 G (X4), is placed in regular body openings or in free openings on the box with the frequency converter.

Plugs with the cables from the box with the frequency converter connect with the sockets placed on the back of the machine.

ATTENTION

Electrical plugs have different types, so it is impossible to confuse the sockets when connecting.

ATTENTION

The connection of the frequency converter is described for the ADEMS GMT-II Inverter model. For the ADEMS GMT-II model, there will be a jumper wire in the sockets, without which the machine will not work.

ATTENTION

If you bought the ADEMS GMT-II machine and want to set the frequency converter, you may buy it additionally and install by yourself without any electrician skills.

Fill the rectangular containers with water and place them under the wheels.

The amount of water added to the container should be sufficient to keep the foam sponge in the container moist and able to attract abrasive and metal dust during tool sharpening.

Before turning on the machine, make sure that the motor power cord does not touch the rotating parts. Check the operation of the electrical equipment: the two-position switch, the resistor handle and the lamp toggle switch.

ATTENTION

In the ADEMS GMT-II machine the resistor handle is inactive till the frequency converter be connected.

Check the operation of the electric sharpener: the abrasive disc and the aluminum disc with the magnet must rotate without vibration, extraneous noise and knocking. The end runout of the abrasive disc and metal disc must not exceed 0.05 mm. Check the magnetic properties of the aluminum disc.

ATTENTION

The metal disk should be centered on the aluminum disk corbel and held securely by a magnet. When removing the metal disc, you must apply sufficient force to detach it from the magnet.

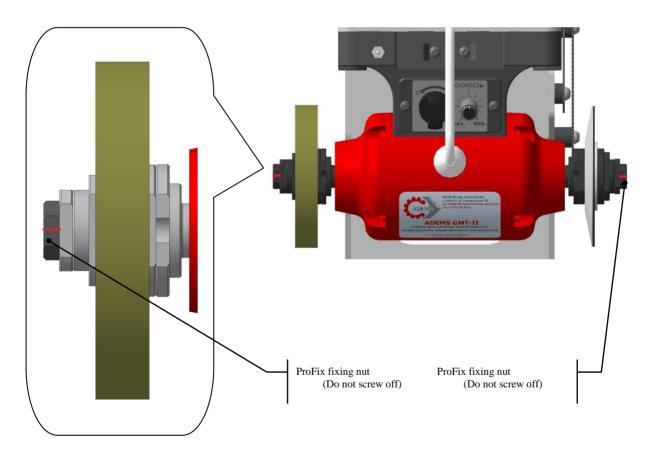


Figure 2 Manufacturer's requirements

The bushings installed on the shaft are ground together with it, so the abrasive wheels in ProFix have minimal runout values. Therefore, if the position of the bushings relative to the shaft is violated, it leads to a violation of the installation accuracy.

Unscrewing, loosening, or tightening the hex nuts at the edges of the sharpener (Fig. 2) is strictly forbidden, as it leads to a decrease in the accuracy of the beat of the installed tool. Independent violation of the marker marks on the ends of the nuts relative to the bushings leads to the removal of the warranty.

6. DESIGN

Design and operation principle are described on the basis of Figure 3.

Lamp toggle switch Вкл./Выкл (ON/OFF) switch Resistor handle Handle of toggle switch Spotlight on a flexible leg Toggle switch Electric sharpener Holding device Box with the frequency converter Mechanism for the angle adjustment Rubber support

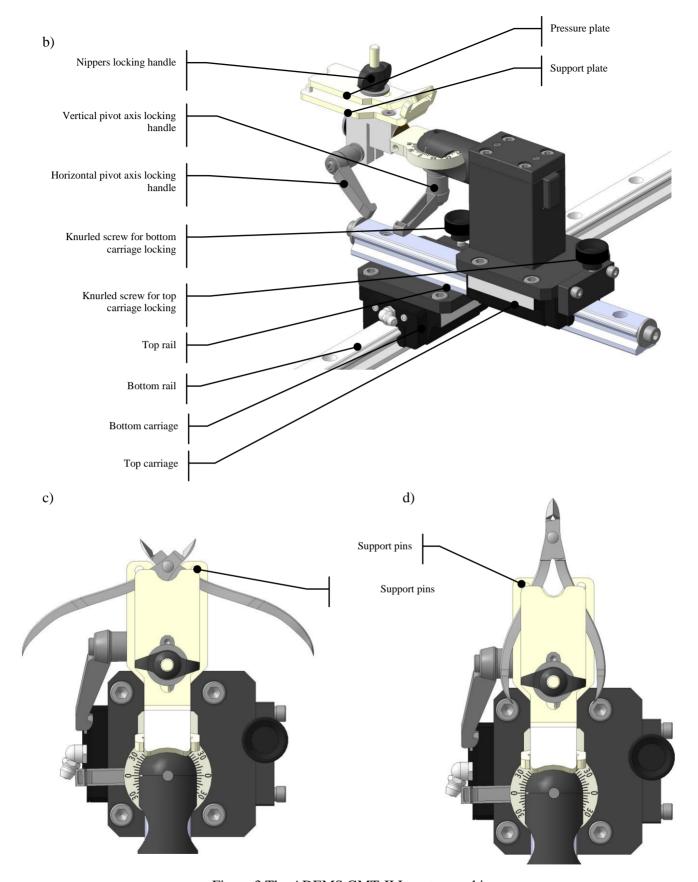


Figure 3 The ADEMS GMT-II Inverter machine
a) General view of the machine; b) Handling device; c) Nippers "Sharpening" position;
d) Nippers "Beveling" position



The ADEMS GMT-II machine for sharpening of manicure, pedicure and medical tools (see Figure 3) is a body on which the rotated suspension with the electric sharpener sets. The suspension lock handle is responsible for fixing the position of the suspension with electric sharpener. The mechanism of tilt angle regulation of the electric sharpener is responsible for more accurate position change of the suspension. In order to change an angle it is necessary to unlock the suspension lock handle, then push spring-loaded flywheel – the gear on the lever will disengage with a bottom sector. Holding the flywheel pressed turn it clockwise or counterclockwise until required position. Let the flywheel up – affected by springs the flywheel takes up position between two sections (top and bottom), the position is fixed. Further it is necessary to lock hard the grinder with the suspension lock handle.

On the body the holder device is placed which consists of two perpendicular rails with two carriages for longitudinal and lateral holder motion. The knurled screws are responsible for carriage fixation. The extreme left and right position of the carriages are provided by limiters: for the bottom carriage these are housing's bends, for the top carriage — washers. The holder itself has two degrees of freedom: rotation relative to the vertical and horizontal axes, followed by fixation.

For machine's operation there is a spotlight on a flexible leg that allows to change the motion of light flow.

The box with the frequency converter for adjustment of wheel revolutions is settled on the machine.

Diamond wheel (Ø 125 mm) and aluminum wheel with vinyl coating (Ø 123 mm) are installed on the machine in PROfix system. You will need two wrenches to change the diamond wheel and wheel with vinyl coating. Unscrew the round nut with four flats on the bushing (on the left side – clockwise, on the right side – anticlockwise) holding bushing in its place with the second wrench.

7. OPERATING PRINCIPLE

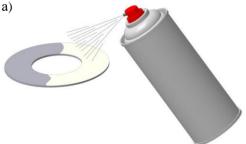
STEP 1 PREPARATION FOR OPERATION.

Mount the metal disc with pasted abrasive sheet on the aluminum disc with a magnet base.

ATTENTION

Before operation pay attention to the magnet disc. It must maintain a certain level of magnetization. If the disk magnetization has decreased, the operation on such equipment is not safe.

By degreasing the surface of the metal discs with acetone or solvent prepare them for operation. Wait for the surface to dry.

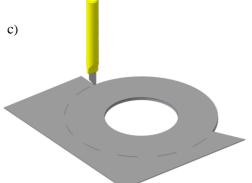


Spray on the surface of the metal disc an aerosol glue following the instructions for use on the label of the glue' can.



Carefully apply the abrasive paper with the abrasive face up to the adhesive surface of the metal disc. Press, smoothing the surface, squeezing out air bubbles between the disc and the abrasive paper.





Wait for the glue to dry for 10 minutes, then cut the abrasive sheet around the perimeter of the metal disc.

Figure 4 Preparation of the metal disc a) Adhesive application; b) Glueing of the abrasive sheet; B) Trimming of edges

ATTENTION

If you decide to glue a round abrasive disc, then skip the item with cutting along the perimeter.

The metal discs with the glued abrasive discs have different grain size. The disc is changed manually: with some force remove disc from the vinyl magnet.

Use the abrasive sheet of the grain size that is needed in a particular case. The set of the abrasive discs supplied with the machine includes the abrasive discs of Ø125 mm of 320, 600, 800, 1000, 1200, 1500 Grit, and the abrasive sheets 230x380 mm of 500, 800, 2500 Grit. The scope of delivery includes 4 metal discs, so for convenience glue sheets of different grain to each disc for fast abrasive replacement when working procedures are changed.

ATTENTION

The choice of the first metal disc with the applied abrasive depends on the extent of wear of the sharpened nippers.

Center the metal disc relative to the aluminum magnet wheel.

Switch the machine on by moving the two-position switch to the right position.

In order to change the revolution speed of the wheel use the frequency converter.

ATTENTION

The frequency converter is supplied with the ADEMS GMT-II Inverter Machine. To adjust the motor shaft's rotation on the ADEMS GMT-II machine the frequency converter is separately bought.

ATTENTION

When turning the machine on the speed regulator must be set to the maximum number of revolutions.

The number of rotations of the abrasive wheels are shown on the display.

The rotation speed adjustment interval is 1000 to 3000 rpm.

ATTENTION

All buttons on the frequency converter panel are disabled to prevent resetting of the defined settings.

STEP 2. NIPPERS PREPARATION

Make a visual inspection of the nail nippers before sharpening.

ATTENTION

If there are cracks on the handles in the area of the hinge - sharpening should not be performed.



If there are damages or broken springs – they should be replaced with new ones.

Then visually check if there are nicks on the cutting edges of the blades.

Check how the tips of the nippers converge: whether the blade's top closes.

Often the nippers' joint has irregularities that cause tool failure. The blades of the cutting edges creep over each other, or the tips and heels of the cutting edges converge unevenly. The dangling joint does not allow the blades to close clearly so that the cutting edges cut off the cuticle.

Before you start sharpening of nippers, please, make sure that there is no backlash between joints. In case there is backlash eliminate it before sharpening (for example with rivet punching).

ATTENTION

In case of rivet punching with major force for eliminating the backlash the joint may break at this section. Be careful when hitting the core.

ATTENTION

Blocking of nipper's joints during opening is possible after punching. Disassemble joints to eliminate blocking.

When you sharpen nippers with dismountable spring mechanism, disassemble it by unscrewing a screw connecting the spring mechanism. In case there is no opportunity to disassemble spring mechanism, turn it to a certain degree in such a way that it does not prevent positioning of nippers in clamp bed.

ATTENTION

Pay attention if there are some cracks on the spring. If the spring is not removable it may be broken when turning for comfort sharpening.

The result should be:

- the backlash between the joints is absent;
- the spring may unclamp the joints.

ATTENTION

The punching of manicure nippers' joints is performed when necessary.

STEP 3. BORING OF NIPPERS' JOINTS.

In order to form the cutting edge of the nippers, a significant removal of the metal from the face can happened (it will not be possible to sharpen the face for the first time). And as the sharpening on the face forms the closing of the cutting edge, a large metal removal will occur subsidence of the handles. As a result, the joints will not allow the nippers to close.

Therefore the joints boring should be performed on two sections in advance.

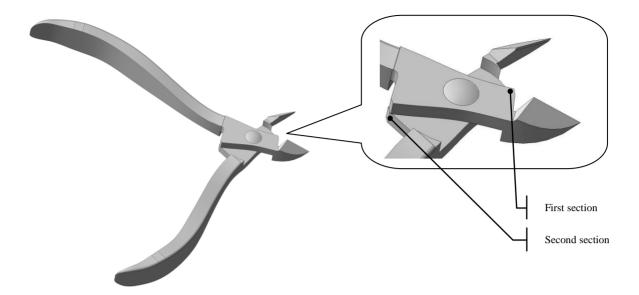


Figure 5 Boring of manicure nippers' joints

The joints' boring is performed both on new nippers and on nippers that are subject to resharpening.

STEP 4. PLACING OF NIPPERS IN CLAMP.

When placing nippers you can remove clamp from handling device. Rotating nippers locking handle anticlockwise open holder jaw. Put open nippers into the jaw, position nippers' handles along bed pins. Rotating nippers locking handle clockwise lock the nippers with force enough to fix it during sharpening. Insert the clamp into handling device as shown in Figure 3 c.

STEP 5. FORMATION OF NIPPERS' FACE.

Loosen pivot axis locking handles but do not screw them out. Now you can rotate nippers against horizontal and vertical pivot axes.

Loosen the knurled screws locking top and bottom carriages but do not screw them out.

With a smooth movement bring the clamp with the installed nippers to the metal disc with the abrasive material. Align cutting edge of one of nippers' blade with grinding wheel surface, lock nippers position by tightening of all handles used during setting up except the lock handle of the bottom carriage.

Start the machine by turning the switch «Вкл./Выкл.» (On/Off) in extremely right position.

ATTENTION

Start the machine at maximum RPM and then adjust to the required value (only for the ADEMS GMT-II Inverter model).

With a smooth movement bring the clamp with the nippers to the grinding wheel. Touch the wheel smoothly pressing the cutting edge down, thus you grind off minimum amount of metal.

ATTENTION

Control the pressing force to prevent burning.

Lead the handling device to a safe distance (minimum 150 mm from the wheel). Take the holder out of the handling device and make sure that you've chosen the right angle (figure 6). Operator visually defines quality of the tool cutting edge sharpening.

Repeat all actions for sharpening of the right nippers' blade.



Sharpening accuracy is determined as matching of the cutting edges along the whole length when the nippers are closed.

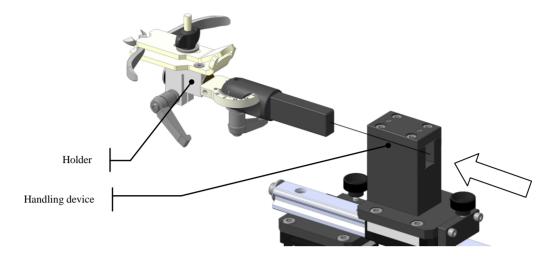


Figure 6 Intermediate control of sharpening

ATTENTION

All hand movements should be smooth. Strong and harsh pressing of the sharpened tools to the wheel is not allowed.

STEP 6. BEVELING OF NIPPERS' BLADES.

Beveling is performed similar to the blade sharpening with the only difference – the nippers should be installed into the clamp bed in closed condition (figure 3 d). Then all actions described in Step 5 are repeated.

ATTENTION

Forces during beveling should be VERY insignificant.

Operator determines quality of tool cutting edge sharpening visually.

STEP 7. FORMATION OF BEVEL' THICKNESS.

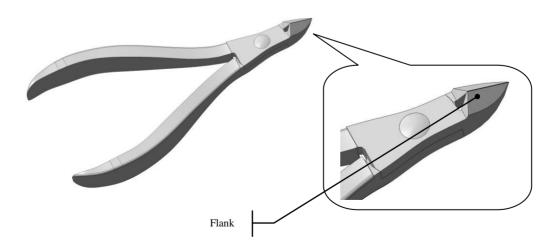


Figure 7 Manicure nipper



STEP 8. CUT TEST.

To check the sharpness of the tool take a piece of a thin polyethylene and try to cut it with pieces. Operate without any force, gently and smoothly as working with the cuticle. You should get a straight, clear cut without torn edges.

STEP 9. CONTROL OF TIP CLOSURE.



Figure 8 Manicure nippers

The cutting edges may have different length when closing. To eliminate this defect it's enough to remove a metal from the spine of one of the joint till the length of the cutting edge become equal.

STEP 10. REMOVAL OF PROTRUDING PARTS.

When closing the lateral surface of the nippers may protrude relative to the other joint. It mars the exterior of the nippers. In order to avoid it grind the protruding part off level with the common metal.

STEP 11. POLISHING.

To eliminate the sharpening marks and gloss the exterior it is recommended to polish all surfaces.

ATTENTION

Don't polish the face of the nippers even if it has the marks of burnings.

8. ADJUSTMENT, SETTING-UP, DREASING

To adjust the extreme position of the top carriage the cross-section rails can be moved a step (60 mm) closer to the disc.

Greasing of moving and fixing components should be performed once a week. Moving components should be disassembled, cleaned and greased once a month. Use the following grease: TSIATIM-201 GOST 6267-74 or lithium grease (Litol-24) GOST 21150-87. Thoroughly wipe excess grease with rags in order to avoid adhesion of abrasive powder.

ATTENTION

Withdraw balls placed under lock screws No 1 and No 2 for the period of cleaning and blowing of carriages. Upon completion of cleaning and blowing place the balls back.

In order to extend machine service life wipe the machine thoroughly every time you finished the work. In particular wipe rails thoroughly with rags to remove abrasive powder to avoid ingress of the powder into rubbing components. This will prevent early occurrence of backlashes.

Our company improves the machine constantly that is why design of your machine may have insignificant changes not described in the current Manufacturer's Certificate.

ATTENTION

Get the basics of the skill in sharpening of hairdressing and manicure tools on the equipment of our company you can in our training centers by contacting us: +7 927-215-66-55.

9. OPTIONS

9.1. SET OF CONSUMABLES FOR 3 MONTHS.

The specialists of our company has developed the set for sharpening of the scissors on the ADEMS GMT-II machine. The components are enough for working during 3 months.

Scope of delivery includes:

| Scope of delivery includes: | |
|---|--------------------------|
| - diamond grinding wheel 125x10x2x20x32 125/100 taper 9A3 AC4 | - 1 pc.; |
| - diamond grinding wheel 125x10x2x20x32 28/20 taper 9A3 AC4 | - 1 pc.; |
| - diamond grinding plate 125x10x2x16x32 12A20 50/40 | - 1 pc.; |
| - set of exchangeable metal wheels Ø125 mm | - 4 pcs.; |
| - set of grinding wheels Ø125 | |
| P320 grit | - 3 pcs.; |
| (P600, P800, P1000, P1200, P1500 grit) | - 2 pieces of each type; |
| - abrasive sheets 230x280 (P500, P800, P2500 grit) | - 2 pieces of each type; |
| - aerosol glue 326 ml | - 1 pc; |
| - common oil to grease nippers | - 1 pc. |
| | |



Figure 9 Set of consumables for 3 months

9.2. SET OF CONSUMABLES FOR 6 MONTHS.

The specialists of our company has developed the set for sharpening of the scissors on the ADEMS GMT-II machine. The components are enough for working during 6 months.



Scope of delivery includes:

| - diamond grinding wheel 125x10x2x20x32 125/100 taper 9A3 AC4 | - 2 pc.; |
|---|---------------------------|
| - diamond grinding wheel 125x10x2x20x32 28/20 taper 9A3 AC4 | - 2 pc.; |
| - diamond grinding plate 125x10x2x16x32 12A20 50/40 | - 2 pc.; |
| - set of exchangeable metal wheels Ø125 mm | - 4 pcs.; |
| - set of grinding wheels Ø125 | - |
| P320 grit | - 6 pcs.; |
| (P600, P800, P1000, P1200, P1500 grit) | - 4 pieces of each type; |
| - abrasive sheets 230x280 (P500, P800, P2500 grit) | - 10 pieces of each type; |
| - aerosol glue 326 ml | - 2 pc; |
| - common oil to grease nippers | - 2 pc. |
| | |



Figure 10 Set of consumables for 6 months

9.3. SET OF CONSUMABLES FOR 12 MONTHS.

The specialists of our company has developed the set for sharpening of the scissors on the ADEMS GMT-II machine. The components are enough for working during 12 months.

Scope of delivery includes:

| - diamond grinding wheel 125x10x2x20x32 125/100 taper 9A3 AC4 | - 4 pcs.; |
|---|---------------------------|
| - diamond grinding wheel 125x10x2x20x32 28/20 taper 9A3 AC4 | - 4 pcs.; |
| - diamond grinding plate 125x10x2x16x32 12A20 50/40 | - 4 pcs.; |
| - set of exchangeable metal wheels Ø125 mm | - 4 pcs.; |
| - set of grinding wheels Ø125 | |
| P320 | - 12 pcs.; |
| (P500, P600, P800, P1000, P1200, P1500 grit) | - 8 pieces of each type; |
| - abrasive sheets 230x280 (P500, P800, P2500 grit) | - 15 pieces of each type; |
| - aerosol glue 326 ml | - 4 pc; |
| - common oil to grease nippers | - 4 pc. |



Figure 11 Set of consumables for 12 months

9.4. ADEMS PROfix grinding wheel locking set.

The set is intended for the grinding wheel locking with the following dressing. It is not necessary to repeat dressing from runouts of the grinding wheel after dismantling and installation if it was attached in this way to the ADEMS GMT-II machine.

Scope of delivery includes:





Figure 12 PROfix grinding wheel locking set

9.5. MICRO FEED SET

The set is intended for more accurate movement of the handling device with the clamped tool into a work zone.

Scope of delivery includes

| - screw | - 1 pc.; |
|---------------------------|----------|
| - body | - 1 pc.; |
| - screw thrust | - 1 pc.; |
| - bolt with plastic knurl | - 1 pc.; |
| - thrust screw M3x2.5 | - 1 pc. |



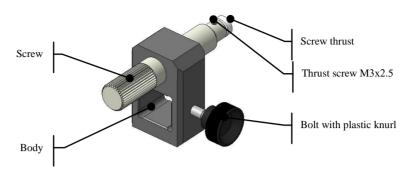


Figure 13 Micro feed set

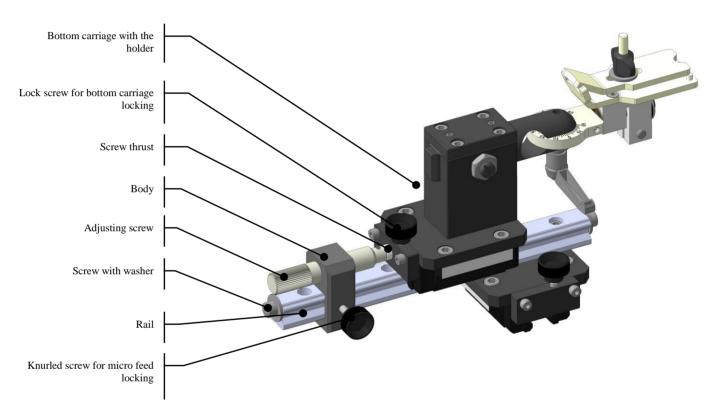


Figure 14 Mounting of micro feed on handling device

Adjust and bring the holder device with the tool to be sharpened to the abrasive wheel. Lock all screws acting in the setup. Unscrew and take off the screw with the washer at the end of the cross rail.

Twist the adjusting screw on the micro feed device till the screw thrust protrudes from the body's butt in 10-12 mm. Insert the device with the body's slot on the rail till the screw thrust touches the bottom carriage. Tighten the knurled screw to fix the micro feed device. Loosen, but do not screw the knurled screw for fixing the bottom carriage. Now the micro feed device is ready for use.

The tool moves towards the abrasive wheel when turning the adjustable screw clockwise.

9.6. SET FOR FREQUENCY CONVERTER CONNECTION.

The set is intended for variation of the rotation frequency of the diamond and abrasive wheels during sharpening of manicure, pedicure and medical tools.

Scope of delivery includes:

| - box with the frequency converter and sockets for connection to the grinder | - 1 pc; |
|--|----------|
| - bracket | - 1 pc; |
| - screw M6x16 DIN 912 | - 4 pcs; |
| - washer 6 DIN 912 | - 4 pcs. |

Possibly the box with the bracket will already be connected with the screws, and the screws and the washers for installation to the machine body will be screwed to the free openings of the box (figure 1 c). The whole installation process is described in the step 5.

ATTENTION

All buttons and the rheostat handle on the frequency converter panel are disabled to prevent resetting of the defined settings. The revolution variation on the machine is controlled by means of the regulator mounted on the grinder. After connection of the frequency converter to the grinder the revolution regulator automatically connected (it was inactive before).

STEP 1. INSTALLATION AND CONNECTION OF THE FREQUENCY CONVERTER.

Fasten the bracket to the box with frequency converter. Fasten the frequency converter and the bracket assembly to the grinding machine body with supplied screws as shown in Figure 1 c. Pull jumper cord out of sockets on the reverse side of tool grinder with care.

Connect wires coming out of the box with frequency converter to the free sockets.

ATTENTION

Wrenches necessary for the frequency converter installation are not included into the scope of delivery. The supplied Allen key №5 will be suitable.

STEP 2. MACHINE OPERATION.

Switch the machine turning the «Вкл./Выкл.» (On/Off) switch in extremely right position.

ATTENTION

When switching the machine on set speed control to the maximum number of revolutions.

Indication of revolution number for the abrasive wheels is shown on the panel. Revolution control interval is from 1000 to 3000 rpm.

10. ACCEPTANCE CERTIFICATE

| 10.1. Household machine for sharpening of manicure, pedicure and medical tools ADEMS GMT-II serial number 11/2021 is classified as fit for operation. 10.2. Limited warranty term – 1 year. 10.3. Service life – 3 years. 10.4. Manufacturer's address: |
|---|
| 39, Kommunalnaya street, Togliatti, 445043, Russian Federation |
| 10.5. Serial number of the frequency converter |
| If in doubt of the equipment integrity, please, contact the Machines Warranty Department on the following phone number: +7 964-927-69-74 |
| Date of manufacture |
| QC Department Head |

11. REMARKS, COMMENTS, NOTES