

Nitto

AUTOMATIC MORTAR

Model ANM-150•200•200W

Operation Manual



We heartily thank you that you have purchased our automatic mortar. This machine, the improved type of the former automatic mortar ANM-1000 model, is equipped with two pestles for sufficient stirring and grinding in a short time.

■ Features

- Powerful grinding because the mortar and the pestle turn each other in reverse.
- Faster stirring and grinding than in the former models by means of two pestles.
- Easy removal of the pestles.
- Arbitrary adjustment of the stirring pestle by the handle in accordance with the kind and amount of material to be stirred and ground.
- Complete protection against mixing with foreign material by the dust protective cover.
- Power source of single phase 100V.

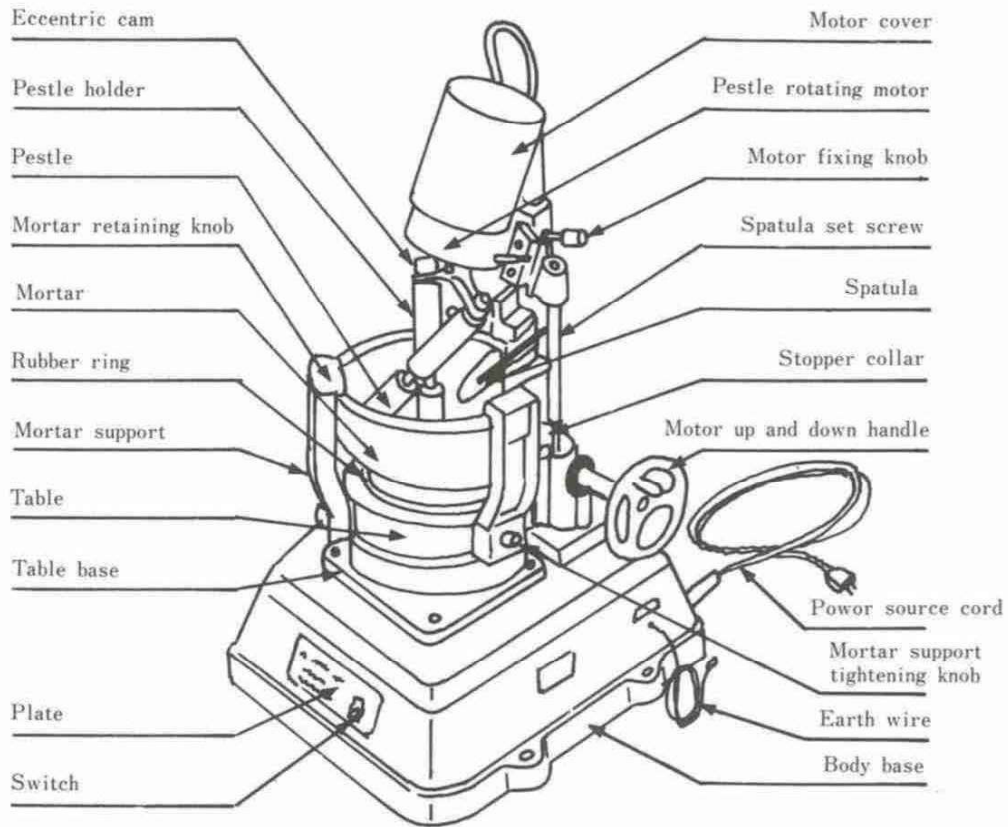
■ Specifications (Model ANM-200W•ALM-200W)

- Power source : AC100V 50/60Hz
- Rated electric power : 100W
- Nominal speed : pestle 50Hz-100RPM, 60Hz-120RPM
Mortar 50Hz- 6RPM, 60Hz- 7RPM
- Mortar size : 200mm
- No. of pestles : 2
- Machine size : width 410 length 450 height 800mm
- Machine weight : 31Kg

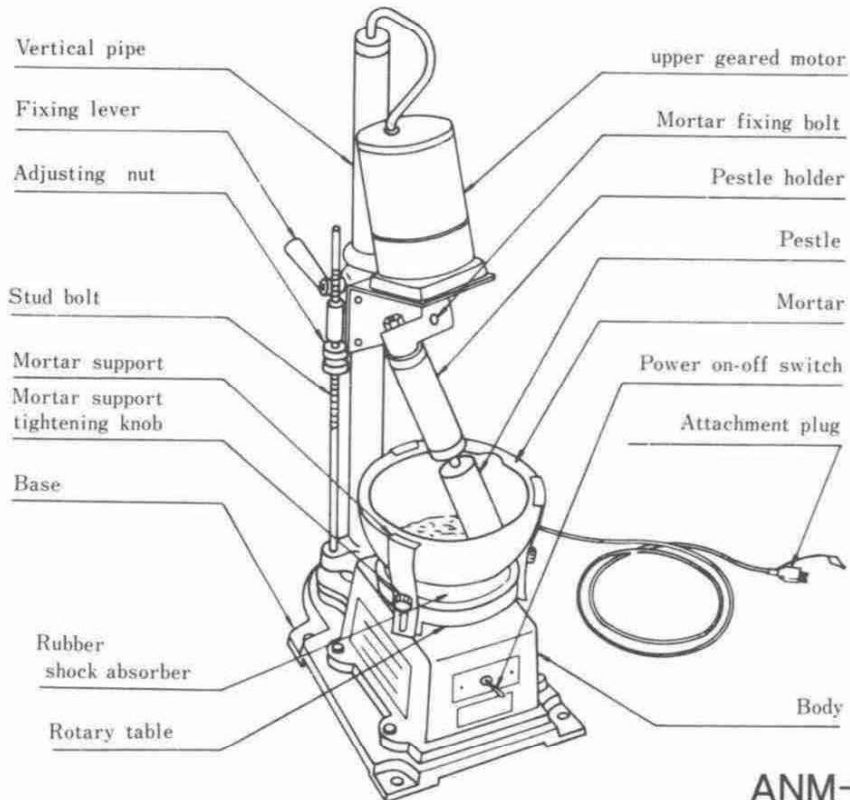
(Model ANM-150•200•ALM-150•200)

- Power source : AC100V 50/60Hz
- Rated electric power : 39 / 37W
- Nominal speed : Pestle 50Hz-100RPM, 60Hz-120RPM
Mortar 50Hz- 6RPM, 60Hz- 7RPM
- Mortar size : 140, 150, 200mm
- No. of pestles : 1
- Machine size : width 210 length 350 height 620~775 mm
- Machine weight : Model 150 : 17Kg, Model 200 : 19Kg

Construction and Parts Name



ANM-200W



ANM-150-200

■ Before operation

- 1) Keep the switch turning off by all means.
- 2) Connect the earth wire to the completely conductive part like the iron frame etc...
- 3) Lower the stopper collar to the end face of the handle holder and get down the motor there.
- 4) Tighten the spatula, adjusting its direction according to the material to be stirred, as the spatula holder is a bar in shape.

■ Operation

- 1) Insert the attachment plug of the power source cord into the plug socket.
- 2) Turn the power on-off switch on, and the pestle and mortar begin to revolve.
- 3) After operation, turn the power on-off switch off and then pull out the attachment plug of the power source cord.

■ Removal of mortar

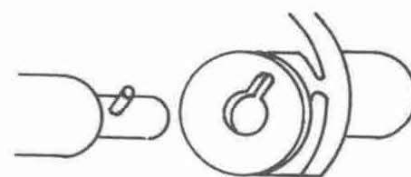
After loosening the motor fixing knob, lift up the motor by turning the handle in the arrow direction.

- 1) Removal of spatula

Remove the spatula from the groove direction after loosening the spatula set screw.

- 2) Removal of pestle

Turn the pestle counterclockwise and pull it down, holding the pestle holder by hand, and the pestle can be removed at the groove as showed in the figure.



- 3) Removal of mortar

Take off the mortar support after loosening its tightening knob and remove the mortar.

■ Attention for operation

- 1) Pull the attachment plug out of the plug socket before the adjustment by all means so as to guard against turning the switch on by mistake.
- 2) Position of the pestle rotating motor
If the stopper collar is positioned more than 10mm away from the end face of the handle holder, the pestle will turn in too large

radius and be lifted up to the upper mortar.

Then the machine trouble and the part damage may occur by the increasing load.

3) Motor up and down

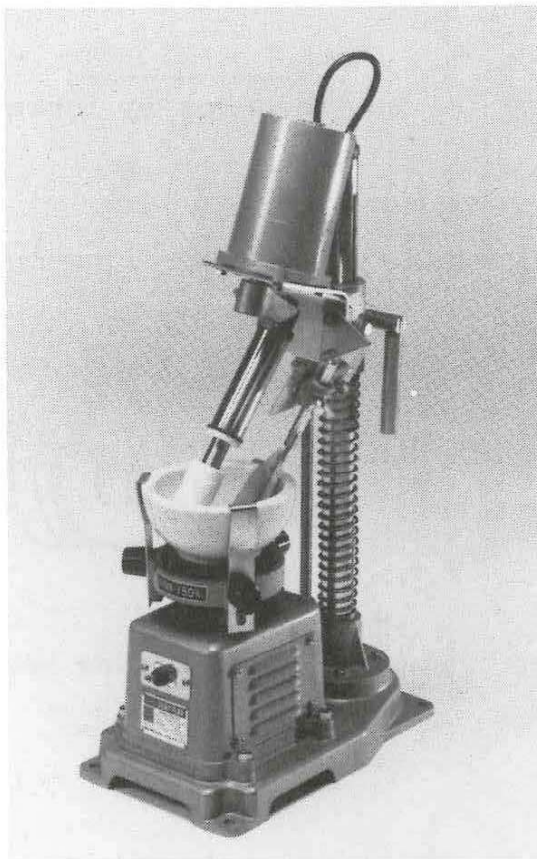
When the motor up and down, loosen the motor fixing knob by all means so as to prevent the sliding shaft from injury and trouble.

4) Use only the specified mortar and pestle.

Don't use the mortar on the market, for the mortar and pestle attached to this machine are manufactured for their special movement.

5) Handling of the pestle relatives

As Teflon coating is applied in the bores of the pestle supporting shaft and the pestle holder to slide them well, take care that they are not injured.



Automatic Mortar
Model ANM-150



Automatic Mortar
Model ANM-200



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