



FagronLab™ 3D-RM500

User Manual



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Read these safety instructions before operating this equipment



Do

- Read this operator manual before using.
- Operate the mixer with a designated AC power outlet.
- Place the power cord out of the way to avoid trip hazard.
- Keep hair tied back & avoid loose clothing when operating.
- Place the mixer on a level surface.



Don't

- Don't operate the mixer with a wet or damp hand.
- Don't touch any rotating part when mixing.
- Don't change mixing vessel without switching OFF power first.
- Don't clean ANY part of the mixer in a dishwasher or autoclave.

1. Know your mixer

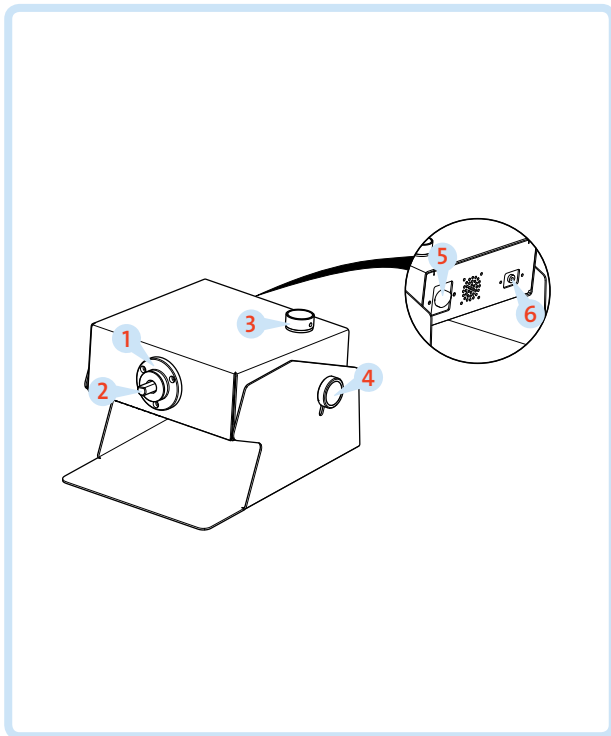


Figure 1.

| No | Description |
|----|---------------------------------------|
| 1 | Drive pulley |
| 2 | Drive shaft |
| 3 | Speed control |
| 4 | Angle adjustment knob (x 1 each side) |
| 5 | Power switch |
| 6 | Power in |

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2. Fitting inversion arm

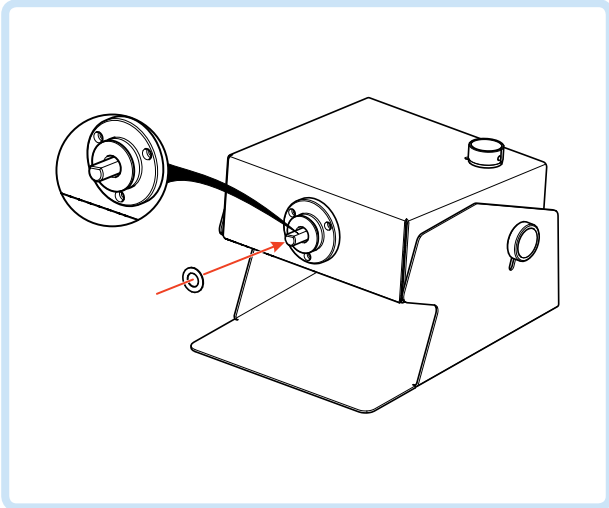


Figure 2.

- Turn the drive shaft by hand so the FLAT portion is facing the top.
- Loosely place the THRUST WASHER onto the shaft.

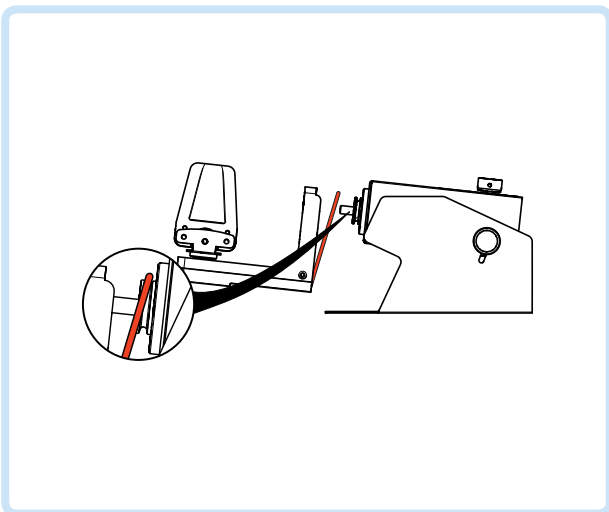


Figure 3.

- Fit the RED belt over the DRIVE PULLEY.

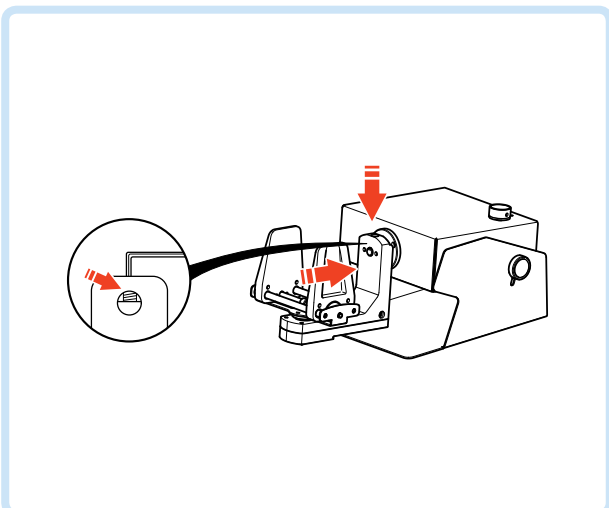


Figure 4.

- Keep tension on the belt & push the arm DOWNWARDS & onto DRIVE SHAFT.
- TIGHTEN screw with the tool supplied. ENSURE screw is on FLAT portion of DRIVE SHAFT.

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3. Mixing

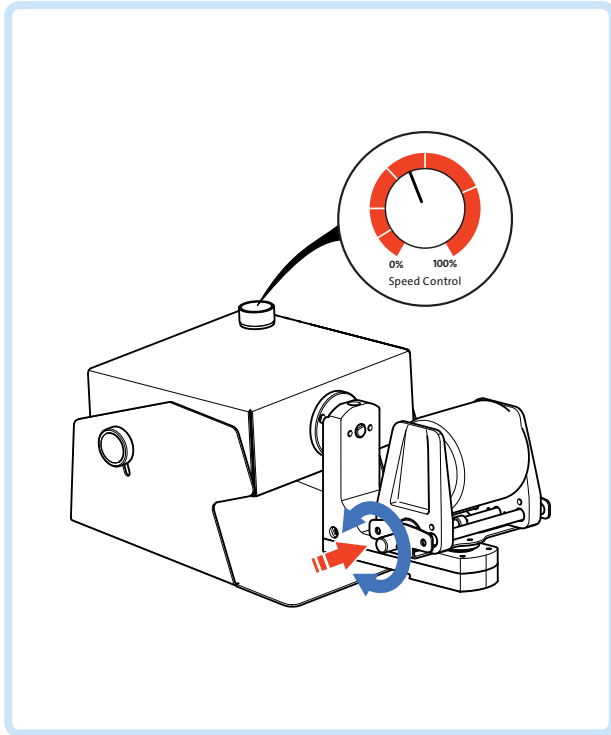


Figure 5.

- Connect POWER CABLE into the POWER INLET socket.
- ENSURE SPEED CONTROL IS SET TO 0%.
- Switch on using the POWER SWITCH.
- Gradually increase speed using the SPEED CONTROL knob until required mixing speed is achieved.

4. Mixing volumes

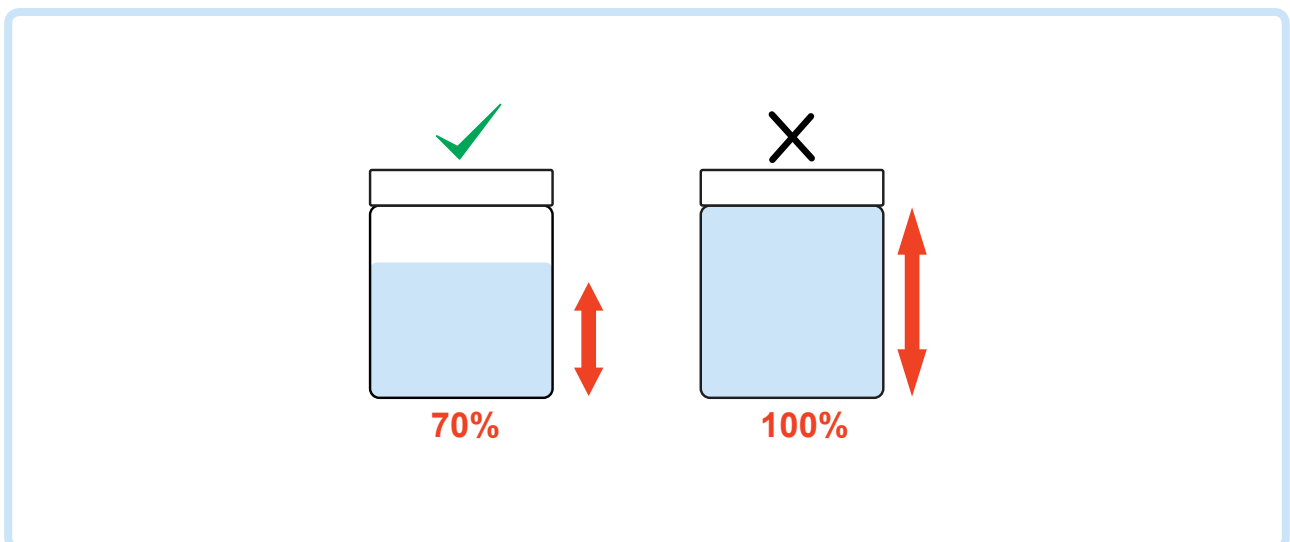


Figure 6.

- Do not fill the container with more than 70% of its volume. Powders require space to move when mixing.

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5. Questions

How long should I mix for...?

We recommend a minimum of 5 minutes for any substance, some powders may require considerably longer.

The mixer is making a strange noise when rotating...?

Check the THRUST WASHER is fitted.

The mixer is not rotating & making a noise...?

This is the in-built safety mechanism, switch the power to off, remove any obstructions to the arm & set speed to 0%. Power back on & gradually increase speed.

Arm not turning...?

Check the screw is tight using the tool provided. Also check the screw is locating on the flat portion of the shaft.

Mixer sometimes cuts out in the morning...?

This is part of the safety system, ensure the speed control is 0%, switch on and gradually increase speed. Increasing the speed too fast will cause the mixer to stop.

Can I use my own mixing vessel...?

Yes as long as it fits within the clamping jaws & does not obstruct the arm. We do not recommend using glass containers.

Can I mix liquids...?

Yes any low viscosity liquid can be mixed.

What is the best speed to mix at...?

This is always trial & error, heavier substances tend to mix better at slower speeds, with lighter substances mixing better at faster speeds.

Is there a time limit on how long I should mix for...?

No - however we do NOT recommend the mixer is left unattended.

I have a question that is not answered here...?

Contact your distributor for a swift resolution.

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Notes

A series of horizontal dotted lines for taking notes.

Together
we create the future
of personalized medicine.



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