



MANUAL FILM WINDING STATION

Operators Manual



WARNINGS

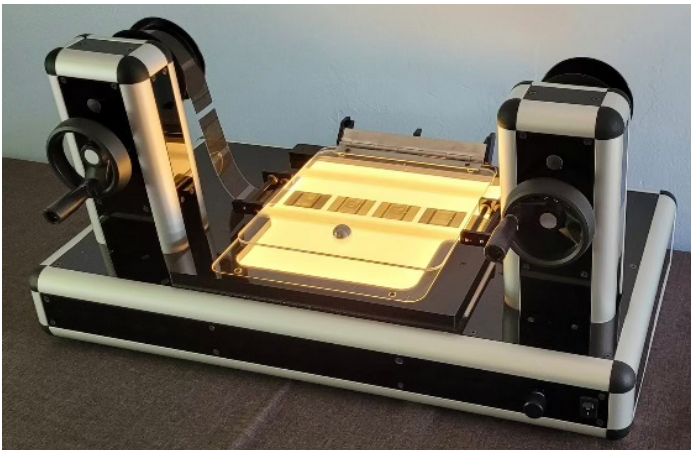
- Don't keep liquids close to the Winder to prevent water damage to the electronics. If water is spilt on the Winder make sure to unplug the winder immediately, seek professional advice from a qualified electrician before plugging back in.
- Keep long hair and loose clothing tied back to avoid entrapment in the mechanism when operating the winding station.
- Don't stare at the light for prolonged periods of time, take breaks from looking at the light, there could be a small risk of epilepsy, for people with this condition.
- Dismantling of the winding station should only be attempted by trained professionals, genius will not accept any responsibility for the product if it has been tampered with in this manner.
- Do not dismantle winder, do not remove, or change any components of the winder.
- Should the fuse blow always replace with a like for like fuse in the IEC filter, always use the correct mains cable for the IEC filter in the local region of use.
- Also be careful when transporting or operating the unit any damaged should be checked before continued use of the equipment.
- Never use strong abrasives to clean the unit just a damp cloth to remove any dirt or debris.

INSTRUCTIONS FOR USE

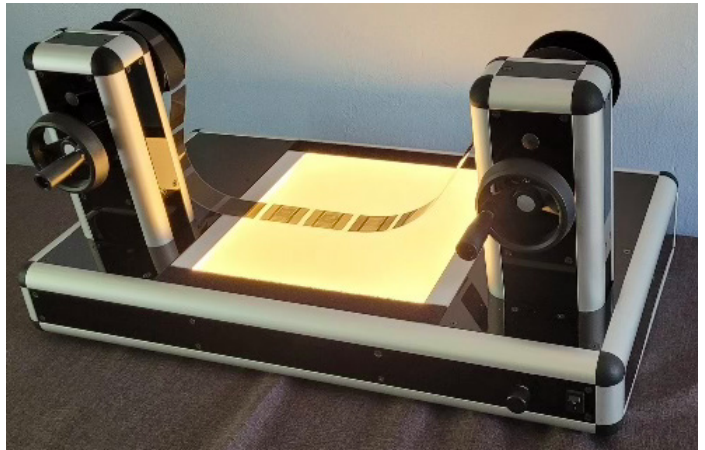
If the additional glass viewer has been purchased, please attach it to the top of the light unit, using the supplied Velcro, this is on the underside of the clear viewer window and align with the top of the light. Plug the winding station in via a suitable mains cable and the IEC filter switch located on the back of the Winder, ensuring a suitable C16 lead with fuse and ground are present and functional. Once plugged in with a secure connection then turn on the IEC filter switch.

Turn on the switch located on the front of the winder this should then turn on the viewing light.

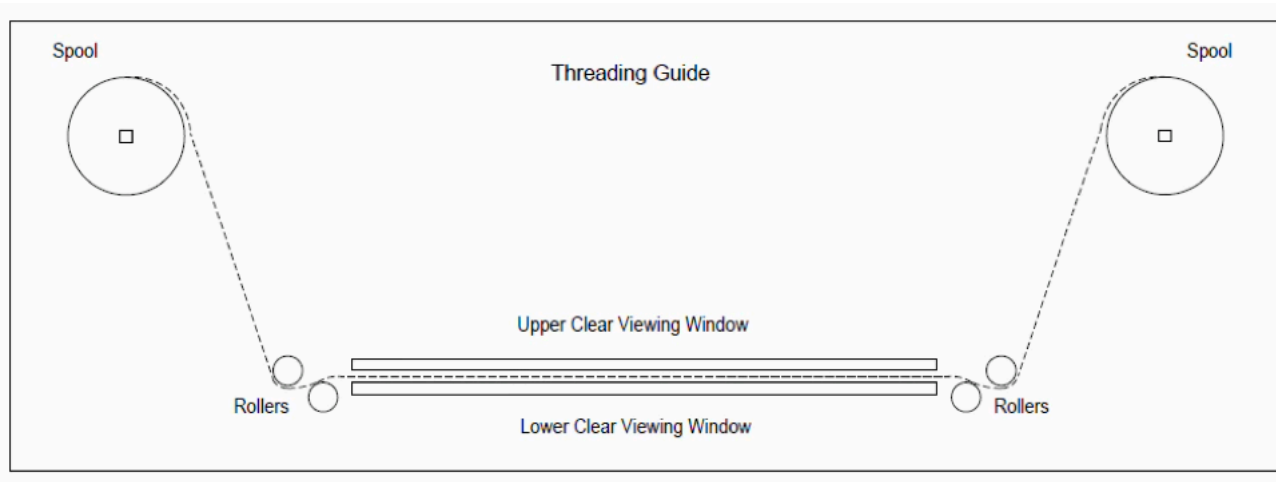
Adjustments can be made via the knob on the front of winder, adjusting brightness of the viewing light for eye comfort.



If the glass viewer is being used you will need to raise the upper glass plate, then mount one spool onto one of the spool mounts on the gear pillars and feed the film through the centre of the rollers mounted on the glass viewer. (See Threading guide) Then attach a second spool to the take-up gear pillar, feed the loose end of the film onto this second spool as shown below. Finally, after doing this lower the upper glass plate. This should result in the film being mounted on both of the gear pillars with the film passing through the rollers and in between the two glass plates, as shown in image to the left.



If the glass viewer is not being used then take the film you wish to view, place each of the spools onto both of spool mounts located on the back of the gear pillars. This should result in the film being mounted between the two pillars passing over the light in the middle, as shown in image to the right.



THREADING GUIDE

Once these previous steps have been completed you should then be able to rotate the handles on the Manual film winder to move the film across the viewing area. When using the glass viewer, we recommend that you move the film with the top glass raised to reduce scratches on the film and to drop the top glass down when you find a piece of film you wish to look at closely. (The film will pass between the glass without scratching however fast winding may result in damage to the film).

If you wish to change the film on the winder, then:

If glass viewer is not being used, simply rewind the film, and replace with the next roll or remove the two spools and replace them with the next film you wish to view.

However, if the glass viewer is being used then you will need to rewind the film from one of the spools. Open the glass plate fully and wind the film in the desired direction using the winding handle. Once the film has been rewound then simply remove the full spool from the winder and add the new spool containing the film you wish to view as explained when previously when first setting up the winder. When turning off the viewing light the switch located on the front of the winder will turn of the light however there will still be an electrical current in the winder, to fully disconnect the winder turn the winder off using the IEC filter switch located on the rear and disconnect from the wall supply.

TECHNICAL INFORMATION

Light Specs

Pure White Temperature	6000K
Available Power	3 – 24V
Voltage	180 – 240 V ac
Working Temperature	(-) 20°C - 70°C

Max electrical voltage ac for Winder = 230V at 50/60 Hz

Gear Ratio:

Gear Ratio of Winder = 2.66, For every one handle rotation the film spool will rotate 2.66. times.

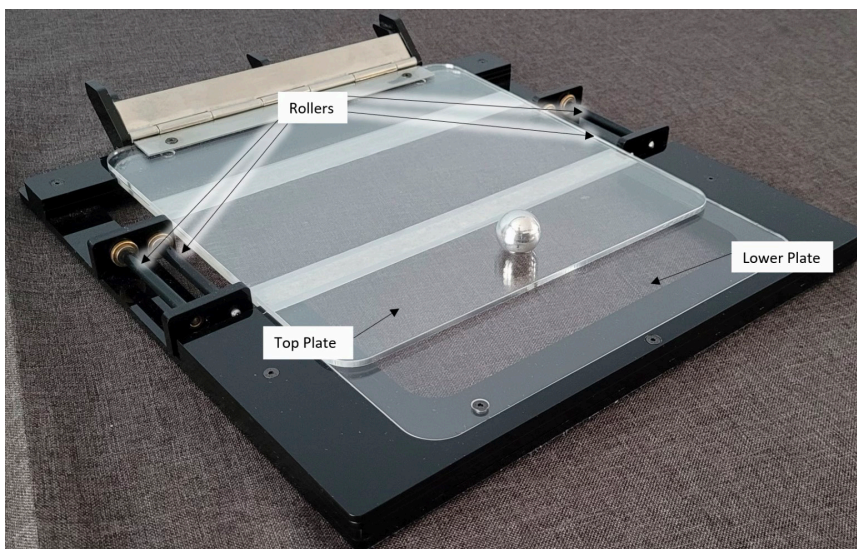
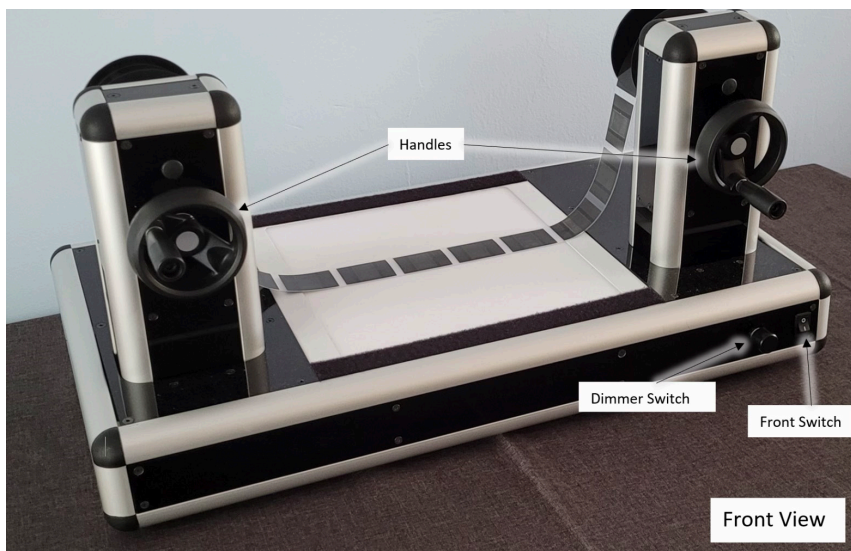
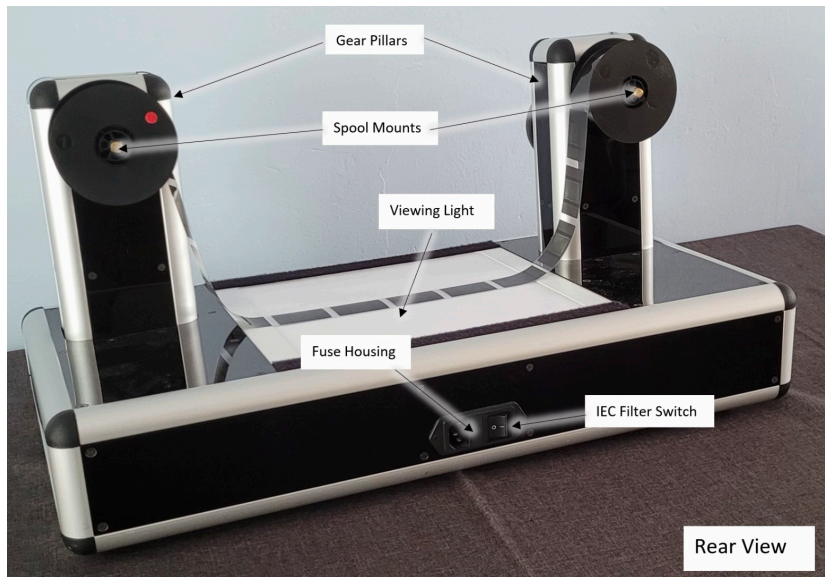
ADVICE FOR PRODUCT USE:

- Don't place heavy loads on top of the winder, risk of damage to it.
- Store the winder in the supplied box when being transported to reduce the chance of damage.
- If a liquid was spilt on the winder, then unplug it immediately, before turning back on make sure the winder is completely dry. If any water has entered the inside of the winder, then seek professional help and guidance.

Glass Viewer:

- Do not drop the top clear plate down on the lower plate, instead gently lower it to prevent damage.
- Make sure to keep rollers clean and free of debris to prevent scratches from occurring to the film.
- Do not pick at or remove the Mylar strips found on the glass, these strips ensure that the film does not get pinched within the glass.
- Make sure that the glass viewer is held in place securely using the Velcro before use to stop it from moving around or falling off.
- Keep objects that could potentially scratch the glass away from the machine such as watches and other forms of jewellery.
- Clean the viewing window with mild detergent and a damp cloth, and wipe dry using a lint free cloth that will not scratch the glass.

MANUAL WINDER DIAGRAMS



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