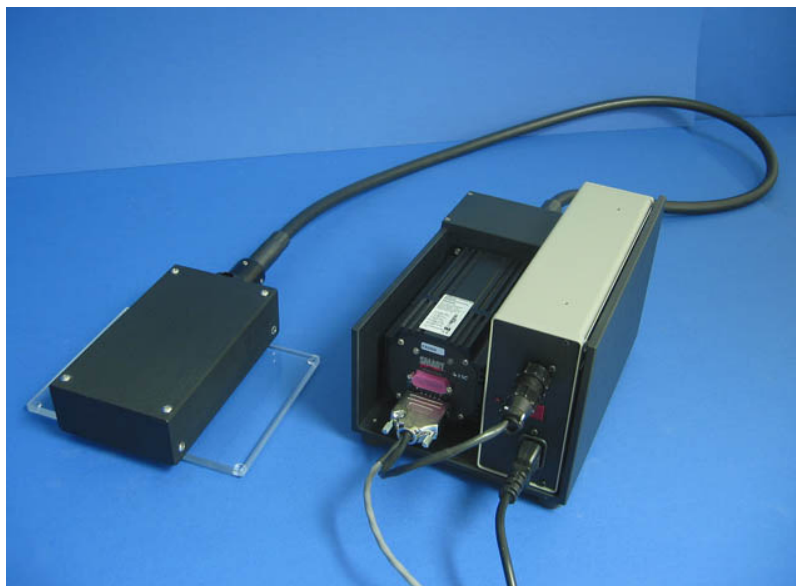


OPERATION AND CARE MANUAL FOR VP 710FSM: FLEXIBLE ALLIGATOR TUMBLE STIRRER* CUSTOMIZED FOR USE WITH SMART MOTOR

*US Patent # 6,176,609



VP 710FSM Alligator Tumble Stirrer.

CAUTION!!!!!!

Be advised that the Alligator Tumble Stirrer has VERY STRONG MAGNETIC FIELDS!!

- **People with pacemakers should not get closer than 18 inches.**
- **Remove all magnetic influenced tools and objects from the immediate area to prevent them from being pulled onto the magnet or from striking people as they are pulled onto the magnet.**
- **Keep credit cards, watches and other magnetic sensitive items at least 18 inches from the Tumble Stirrer's magnetic field.**

Attachment of Flex Drive Cable to Tumble Stirrer and to Motor/Control Unit

1. Spin the Magnetic Cylinder until the flat area of the drive shaft aligns with the observation port in the top of the mounting bracket.



2. Place the head of the Flex Drive Cable into the mounting bracket of the Magnet Chassis Assembly and slip over Magnetic Cylinder drive shaft.
3. Rotate the Flex Drive Cable until the 3/32" set screw aligns with the observation port in the top of the mounting bracket. Tighten the set screw. (When you reverse this process to remove the Flex Drive Cable from the Tumble Stirrer, do not unscrew the set screw too far. If you do, the raised set screw will prevent you from removing the flexible drive from the mounting bracket.)
4. **Do not** tighten the two 3/32" set screws that couple the mounting bracket to the sheath of the Flex Drive Cable at this time.
5. Stretch the Flex Drive Cable out straight. **The Flex Drive Cable can be damaged if it is coiled too tight. It should not be coiled tighter than an 8 inch radius.**
6. Place the other end of the Flex Drive Cable through the mounting bracket on the Motor/Control Unit and into the motor compartment. Slip the Flex Drive Cable shaft over the motor shaft.
7. Spin the Flex Drive Cable shaft until the 3/32" set screw is aligned with the observation port in the top of the mounting bracket.
8. Once the Flex Drive Cable shaft has been attached to the motor drive shaft and the magnetic cylinder drive shaft, tighten the two 3/32" set screws on both mounting brackets to secure the Flex Drive Cable sleeve.

STIRRER CONTROL

Please refer to the smart motor operations manual along with the smart motor interface CD, which are both included with your unit.

CARE

When not in use, turn the power switch off. Do not place the control unit in chambers with temperatures above 40°C.

WARRANTY

There is a one-year warranty against defective parts. We will replace or repair the defective part and not charge a Labor fee. Damage to the machine caused by user negligence is not covered. We ask that you keep the special shipping carton in case you need to send the unit back to us.

TECHNICAL ASSISTANCE

If technical assistance is required, contact:

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