

MAGUIRE PRODUCTS, INC.
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**TUMBLER
FOR FIVE GALLON CONTAINERS
MODEL MPT5**

**INSTRUCTION MANUAL
JUNE 26, 1998**

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TUMBLER FOR FIVE GALLON CONTAINERS

Much like paint, most liquid colors are pigments in suspension. Over time, the heavier pigments settle to the bottom leaving a thin layer of liquid on top.

The MAGUIRE TUMBLER for five gallon containers allows you to slowly and gently tumble each color container prior to putting them into service. Time required for adequate mixing will vary widely, from 10 or 20 minutes up to several hours, depending on the severity of separation.

Tumbling assures uniform color usage from the start of your color run to the finish and can make possible lower pump settings and more complete usage of the entire contents of the container. Dollar savings of 10 to 20% are possible.

When a container is left in inventory too long, color separation can be so severe that the liquid is virtually unusable. In the past, these containers had to be returned to the manufacturer for reprocessing. Now a TUMBLER can quickly return these containers to a uniform homogeneous blend with minimum effort and no mess.

MAGUIRE TUMBLERS are safe, compact, use standard 110 volt power, and are suitable for table top use.

OPERATING INSTRUCTIONS

1. The TUMBLER may be placed on the floor or on a counter top. Rotation is slow enough so that there is no danger of the unit “walking” during operation. Place in a location that allows easy loading and unloading.
2. Rotate the basket by hand to an upright position.
3. Place container in the basket and secure with the nylon strap.

NOTE: When properly secured, the strap will pass over top of the container TWICE. The strap does not pass under the container. Be sure strap is securely buckled.

FEATURES

1. SLOW SPEED for gentle mixing. Will not strain or damage plastic containers. Allows full containers to mix as well as partially full by allowing time for the heavier contents to shift internally within the thinner liquid. Will not cause foaming or entrapment of air in the liquid. “Shakers” cause air entrapment that can take days to “settle out”
2. COMPACT and very stable design allows location of the tumbler on a tabletop.
3. SAFETY is given TOP PRIORITY in the design.
 1. Slow speed of 10 RPMs is inherently safe.
 2. Belt drive (instead of chain) will slip if an obstruction prevents normal rotation.
 3. Wide clearance between rotating parts and stationary parts assures there are no ‘pinch’ points.
 4. No protruding edges or sharp corners to catch hands or clothing.
4. BALANCED DESIGN requires a minimum of motor torque to rotate the heaviest of containers. Slight offset center of gravity allows container to return to normal upright position when power is shut off.
5. LOW POWER REQUIREMENTS of 2.8 amps at 115 volts allows operation from a standard wall outlet.
6. RUGGED WELDED STEEL construction and ball bearing pillow blocks for years of trouble-free services.
7. “NYLON STRAP” with strong luggage type tensioning latch will hold various shapes and sizes of containers firmly in place.
8. BOTH ROUND and SQUARE 5 gallon plastic or metal containers fits easily and properly into the tumbler baskets.

WARRANTY

MAGUIRE PRODUCTS offers one of the MOST COMPREHENSIVE WARRANTIES IN the plastics equipment industry. We warrant each instrument and other articles of equipment manufactured by us to be free from defects in material and workmanship under normal use and service, excluding only those items listed below as 'excluded items'; our obligation under this warranty being limited to making good at its factory any instrument or other article of equipment which shall within **FIVE (5) YEARS** after delivery of such instrument or article of equipment to the prepaid, and which our examination shall disclose to our satisfaction to have been thus defective; this warranty being expressly in lieu of all other warranties expressed or implied and of all other obligations authorizes any other persons to assume for it any other liability in connection with the sale of its products.

This warranty shall not apply to any instrument or other article of equipment which shall have been repaired or altered outside MAGUIRE PRODUCTS factory, unless such repair or alteration was, in our judgment, not responsible for the failure; not which has been subject to misuse, negligence or accident, incorrect wiring by others, or installation or use not in accord with instructions furnished by the manufacturer.

Our liability under this warranty will extend only to equipment that is returned to our factory in Aston, Pennsylvania

It should be noted that we strive to satisfy our customers in whatever manner is deemed most expedient to overcome any problems that may have in connection with our equipment.

EXCLUDED ITEMS:

Tubing used in our peristaltic pumps is warranted for thirty (30) days. This tubing has a limited service life, generally from one to six months, depending on diameter of tubing, hours of use, and chemical compatibility to the liquid being pumped.

Pump roller bearings in our three (3) roller design liquid color pump are warranted for a period of one (1) year. Color contamination can shorten their life to several months. (NOTE: Our six roller pump does not contain any bearings and, therefore, has a full three (5) year warranty).