

PELCO® R1 Rotary Mixer

Product Nos. 1055 & 1055-220

The PELCO® R1 Rotary Mixer is a single speed mixer for electron microscopy specimen infiltration preparation. The slow rotational speed of the R1 Mixer will result in improved infiltration without forming air bubbles, giving better results for tissue preparations.

The PELCO® R1 Rotary Mixer consists of the cabinet containing the motor and the Mixer Head which holds the specimen containers. (See illustration on following page.)

The PELCO® R1 Rotary Mixer is shipped with the Collet Assembly already in position. You need only to attach the mixer head to the collet with the black finger screw and locking washer supplied.

If the Collet Assembly comes loose or is removed: The collet should be reattached to the motor shaft using the set screw supplied and a 1/16" hex (Allen) wrench. It is important that the collet be positioned approximately 0.8mm (1/32") from the cabinet so that the collet will not rub on the cabinet during rotation of the mixer head. In addition, it is important that the set screw strike the flat portion of the motor shaft during the tightening procedure. Slip the mixer head over the collet. Insert the finger screw with the locking washer through small hole in the mixing head and tighten the finger screw. It is only necessary to hand tighten the finger screw as the internal tooth washer will prevent slippage between the finger screw and mixer head.

PELCO® Glass Snap-Cap Vials **Product Nos. 12701 - 12708** are designed to be used in the mixer head of the 1055 and 1055-220 mixers. The "Snap-Cap" feature effectively seals the vial contents for the protection of both the sample and the operator. There is an optional rotator head available for this unit with a 23-hole capacity, **Prod. No. 1056**. Sample vials **Product No. 410 and 411** fit in this optional rotator head.

Rotation speed of approximately 10 rpm is obtained turning on the power switch. A high-torque motor maintains instrument speed at full load.

The unit allows for either a 55° or a 35° tilt, depending on which feet the unit is resting (see next page).

A standard grounded electrical cord and plug is used for connection to an electrical source of 110-120VAC, 60Hz (No. 1055), or 220-240VAC, 50/60Hz (No. 1055-220). The motor's circuit is protected by 2 each, 5 x 20mm GDB 250V (0.1 A) fuse.

In case of failure of the head to rotate, check:

1. The connection of the electrical cord.
2. The fuse at the rear of the cabinet.
3. The tightness of the collet screw.

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TED PELLA. INC.

Tools for Science and Industry

P.O. Box 492477, Redding, CA 96049-2477, U.S.A.

Telephone: 530-243-2200; 800-237-3526 (U.S.A. or Canada) • FAX: 530-243-3761

Email: sales@tedpella.com • Web Site: <http://www.tedpella.com>



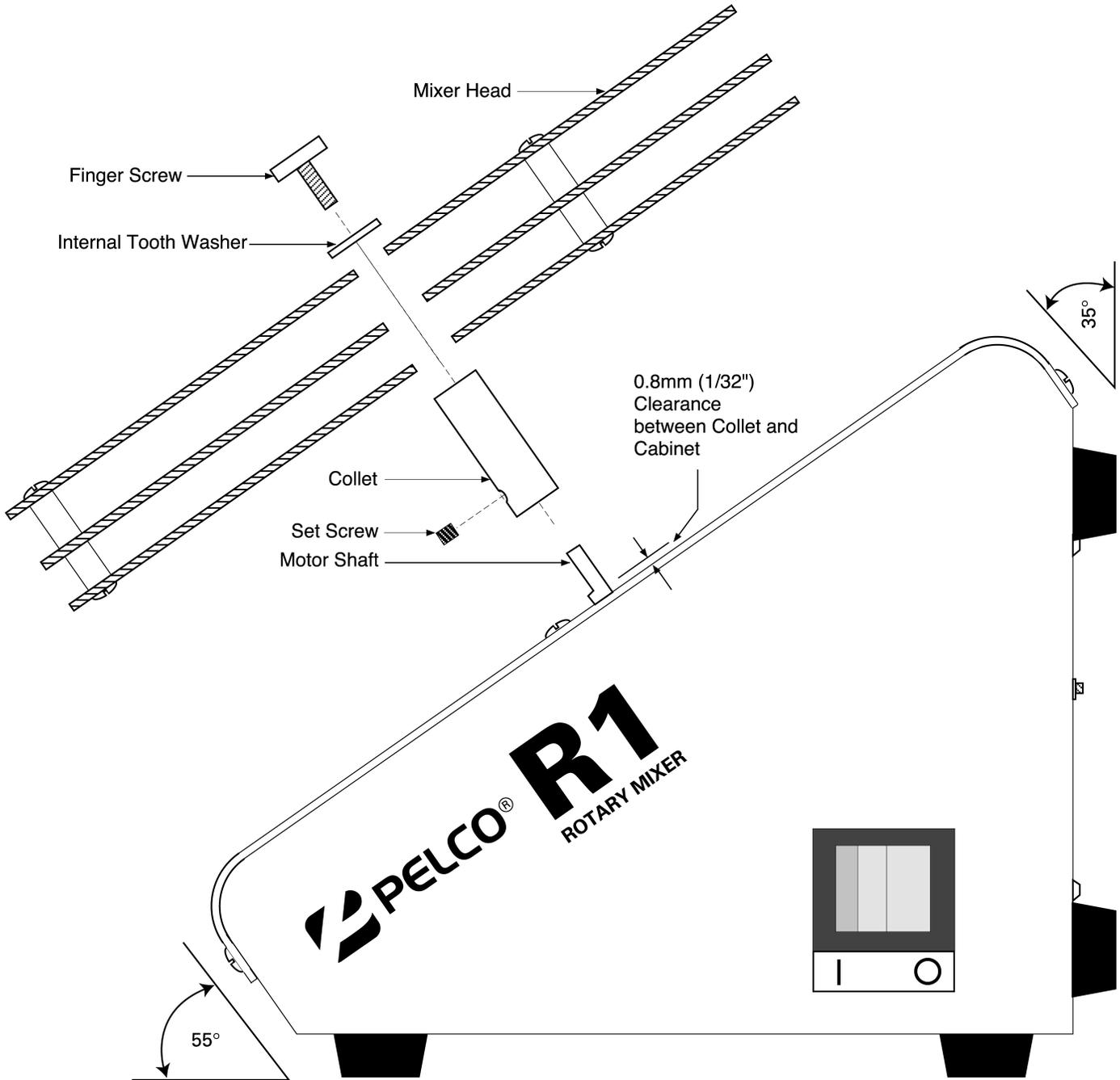
Product and Accessory Descriptions

Prod No. Description

1055	PELCO® R1 Rotator w/1058 Head, 115V, 60Hz
1055-220	PELCO® R1 Rotator w/1058 Head, 220V, 50/60Hz
1058	R1 Rotator Head with 12 holes, (32mm O.D.)
1056	R1 Rotator Head with 23 holes, (16.3mm O.D.)
12701	Glass Snap-Cap vials, 4ml, 23mm D x 27mm H
12702	Glass Snap-Cap vials, 8ml, 22mm D x 39mm H

Prod No. Description

12703	Glass Snap-Cap vials, 12ml, 22mm D x 51mm H
12704	Glass Snap-Cap vials, 16ml, 30mm D x 40mm H
12706	Glass Snap-Cap vials, 24ml, 30mm D x 52mm H
12708	Glass Snap-Cap vials, 32ml, 30mm D x 63mm H
410	Sample Vials, 2ml, 12mm D x 38mm, cs/288
411	Sample Vials, 4ml, 15mm D x 48mm, cs/144



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