

ADVANTAGES OF THE BOTTLE AND CENTRIFUGE.

1. The milk and acid can be readily added to the bottle through the wide mouth of the funnel-shaped neck.
2. The acid flows down the side of the bowl without charring the sample.
3. *The water can be added to the bottles while the machine is in motion, thus saving much time.*
4. Two rows of bottles can be used.
5. The bottles may be emptied very rapidly—twenty-four in less than one minute.
6. Water can be added to the bottles very quickly for cleaning them after the test, either while at rest or in motion.
7. No special form of machine is required. We have been using the bottles and centrifuge with well-known makes of machines.
8. The funnel-shaped neck on the skim-milk bottle eliminates the danger of spurting out of the acid when shaking the contents, on account of the lower opening being above the surface of the liquids, thus allowing the gases to escape freely.
9. The foregoing may be summed up by saying that there is a saving of time from beginning to end of the test.

DIRECTIONS FOR USING THE BOTTLE AND CENTRIFUGE.

1. Add the milk and acid through the funnel-shaped neck. Shake the contents as usual.
 2. Place the small water centrifuge on the spindle with the perforations just behind the arms of the large centrifuge and at the right height to fill the bottles.
 3. Place the bottles in the pockets of the machine with the funnel-shaped necks on the inside or toward the spindle.
 4. Have the cover of the machine fitting closely.
 5. After whirling the bottles from four to five minutes pour the water through the cover of the machine at a rate corresponding to that of a stream from a half inch pipe. Use from two to three quarts of water or enough to ensure the filling of the bottles.
 6. Continue whirling the bottles from one to two minutes after all the water is added.
 7. See that the speed is maintained during the addition of the water.
 8. When emptying the bottles have the graduated neck underneath.
 9. The general principles and precautions that govern the conduction of a test with the ordinary bottle are assumed to be understood by the operator and expected to be applied when using the new bottle.
- For particulars regarding price, etc., write to W. O. Walker, Eastern Dairy School, Kingston, Ontario.