

Foss Milko-Scope MK II

Calibration Checks & Adjustment

Adapted from the Technical Bulletins 16800-7GB & 8GB – November 1980

16. Original Calibrations

Each Milko-Scope has been adjusted at the factory to show the correct readings. Before any check of the Milko-Scope, the meter must be thoroughly cleaned.

17. Approved Calibration Check Methods

The calibration of the Milko-Scope can be checked using the *Standard Water Test Method*. It has not been approved for use with the *Fast-Flow Water Test Method*.

18. Adjustment of Calibrations

The Milko-Scope can easily be adjusted to show correct readings.

The distributing plate in the top chamber is slightly sloped and when turned, changes the amount of milk separated and therefore, the volume of milk led to the measuring chamber.

Before making any adjustments, perform a calibration check to determine the meter reading. If the meter is more than 2% from the established goal, adjust the distributing plate as follows:

- A. Remove the rubber cap (202259) and seal disc (202291) by plunging a screw driver through the seal. Twist out the seal disc.
- B. Loosen the two screws (820837) locking the distributing plate (202317) and turn the plate slightly using the special adjustment key. Counterclockwise turns lower the reading and clockwise turns increase the reading.
- C. Tighten the locking screws slightly and make a calibration check.
- D. Repeat steps A-C until the desired accuracy is achieved. Then, tighten the locking screws carefully, insert a new seal disc, and replace the rubber cap.