



Flip-Top Manometer MMBM

- 1.1 Objective
- 1.2 Exclusion of liability
- 1.3 Warning
2. Maintenance and cleaning
3. Use

1.1 Objective

The present construction MattMill Flip-Top Manometer is an instrument for measuring and monitoring the CO₂ pressure during bottle fermentation/maturation for non-commercial brewers. The Flip-Top Manometer consists of an adapter with the manometer, an adapter, a rubber sealing and a flip top wire.

1.2 Exclusion of liability

The present documentation was written to the best of one's knowledge and belief. No liability can be assumed for any mistakes and herewith excluded explicitly.

1.3 Warning

Sealing of glass bottles containing fermenting substances with the MattMill Flip-Top manometer results in potential hazard. Only be used by adult operators only. Bottles need to be tested for pressure resistance. Do not use damaged or heat treated bottles. Sealed bottles with fermenting content are dangerous and can lead to serious injuries. Ejecting of the MattMill Flip-Top manometer with pressures can lead to serious injuries. Do not aim towards persons. Do not shake. Do not tilt. Do not expose to sunlight.

The expected bottle pressure has to be calculated prior to usage. The pressure must not exceed four (4) bars.

2. Maintenance and cleaning

The MattMill Flip-Top manometer is maintenance free. Please contact the manufacturer in case of uncertainties! Cleaning is performed by rinsing of the adapter and the rubber sealing with lukewarm water. Make sure not to bring the manometer in contact to the water. Disinfection can be accomplished by usual substances. Do not immerse the entire instrument. Not dishwasher safe. Do not heat-sterilize. Dry after cleaning. Occasional inspection of pressure denseness is advisable. Replace rubber sealing with standard rubber sealing when damaged.

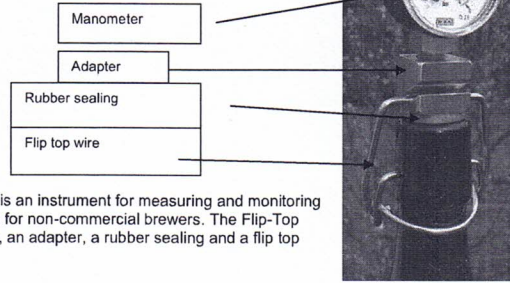
Keep dry and protected from sun light during storage.

3. Use

Prearrangement: Replace the flip top wire of a standard commercially available flip-top bottle by bending the wire carefully apart of the bottle neck. Replace the wire with the one delivered with the MattMill Flip-Top Manometer. Make sure to mount correctly. Ensure a snug fit between wire and the bottle neck. Do not use tools to prevent damage of the bottle.

Attachment: Place adapter with intact rubber sealing on top of the bottle opening. Mount the top part of the wire ball into the adapter and close flip-top. Make sure that the adapter is mounted perpendicularly and tight.

Detachment: Careful: high pressure. Loosen flip-top by holding the instrument and carefully releasing the pressure. Detach the instrument and clean for the next usage.



Kirkel, 25.04.2014

Hoßfeld Konstruktionsbüro und Techn. Dienstleistungen Eibenweg 4, 66459 Kirkel, Germany

Matthias Hoßfeld

Matthias Hoßfeld