

LIQUID SOLUTIONS

EXPERTS IN LIQUIDS PROCESSING FILTRATION AND BOTTLING

INSTRUCTIONS FOR CARBONATION TESTER (Tank type 'F')



1/ Close the tester securely and close all valves. Attach tester to the tank valve.
(Directly via triclamp or using a short connecting hose)

2/ Attach a CO₂ line (or hose from the tank headspace) and open the side valve to pressurise the bottle, using the same pressure as you have in the tank. Detach the CO₂ line.

3/ Open the tank valve and the inlet valve on the tester, then crack open the top valve to gradually release pressure in the test bottle and allow beer to flow in. Close the valve when the chamber is full (overflows from the vent valve), which leaves approximately 25mm headspace.

4/ Close the tank valve and the tester inlet valve, remove the tester from the tank.

5/ Warm the sample in the bottle to between 15 and 25 deg.C. before testing. Using a consistent temperature each time, e.g. 20 deg. C. will mean better reproducibility. Using a low temperature means the pressure reading is low on the scale, and therefore less accurate.

6/ Shake the bottle a few times, wait 10 seconds, then observe pressure reading. Repeat until the pressure reading is constant. A consistent method of shaking will improve reproducibility.

7/ Open the side valve to release pressure, then unscrew the bottle.

8/ Measure the sample temperature, then read off carbonation (volumes, or grams per litre) from the slide rule or nomogram.

9/ Rinse the device through with hot water and/or a mild detergent after use.