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Crown Cork Tester

CT-001

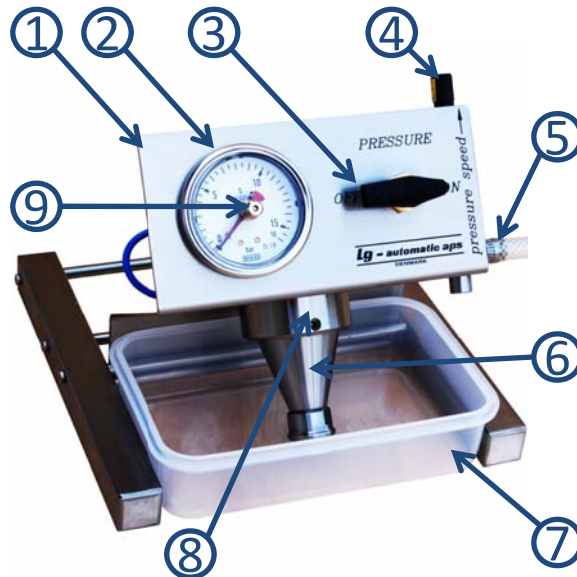
Visual tests of leakages in crown cork.

By pressing a crown cork on the mandrel by means of the same type crowner head used in the brewery, the mandrel can be set into the bayonet lock system, and tipped into the water container.

When slowly increasing the pressure any leakage may be observed as bubbles in the water.

Description:

- 1) Base plate
- 2) Pressure gauge
- 3) Valve
- 4) Needle valve
- 5) Pressure hose
- 6) Mandrel
- 7) Tray
- 8) Mandrel holder
- 9) Adjustment knob



Operation:

To setup a test disconnect the mandrel by releasing the screw on the mandrel holder (pos 8). Press a crown to the end. Fix the mandrel with the crown to the CT-001 crown cork tester again.

1. Turn the valve (pos. 3) to horizontal position – closed
2. Turn the needle valve (pos.4) to the right (clockwise) until it stops
3. Connect air (gas) pressure hose (pos.5) – max. 15 bar from compressor or pressure cylinder (bomb).
4. Remove the Mandrel (pos.6) from holder (pos. 8) by turning the mandrel a quarter of a turn to the left (counter-clockwise) and pull out the mandrel.
5. Press the crown cork on to the mandrel (pos. 6) and insert mandrel in holder (pos. 8) opposite order to section 4.
6. Fill the tray (pos. 7) with water.
7. Tip the base plate (pos. 1) forwards until the crown cork is completely dipped in the water.
8. Turn the valve (pos.3) to vertical position.
9. Turn the needle valve (pos.4) slowly to the left (counter-clockwise) until the pressure gauge (pos. 2) slowly starts rising (the needle valve is set once and for all).
10. Turn the valve immediately to horizontal position as soon as bubbles start emerging from the crown cork.
11. Pressure is taken by reading the red sliding pointer of the pressure gauge.
12. THE TESTER IS NOW READY FOR THE NEXT MEASUREMENT
13. Turn the red sliding pointer of the pressure gauge to 0 bar by actuating the adjustment knob (pos 9)
14. Tip the base plate backwards.
15. Take out the mandrel, remove the measured crown cork and insert a new one. Tip the base plate downwards.
16. Turn the valve (pos. 3) to vertical position.
17. Turn the valve immediately to horizontal position as soon as gas/air bubbles start emerging from the crown cork