

Steinfurth Offline Carbo Analyzer (OLCA)

Inline/Offline Carbo Analyzer (ILCA/OLCA)

The OLCA enables you to measure the CO₂ concentration in bottles or kegs.

The container is connected to the OLCA, and the product is transported through the measuring block by gas pressure.

The device does the extraction of samples automatically.

A series of samples is taken. For each sample, a small amount of liquid (ca. 300 ml) is sufficient. These samples are lost.

The operation of the OLCA is based on the so-called "manometric method". Each sample is degasified in a measuring chamber. Using beverage specific formula, OLCA computes the CO₂ concentration from pressure and temperature after the degassing procedure.

This concentration value is shown on the display. Optionally, CO₂ concentration, pressure and temperature can be passed to other computers via RS232 serial interface.

Downloads: Inline/Offline Carbo Analyzer (ILCA/OLCA)

Technical Information

Measuring range:	2..12g CO ₂ /l (1..6 vol)
Reproducibility:	0,07 g/l
Parameter sets:	for up to 8 different products
Output:	every 45 sec, independent from previous result, by LCD
Serial interface:	RS 232 or RS 485
Signal output:	current signal 4..20mA, voltage signal 0..10V, ProfiBus (1.2002)
Supply voltage:	120 V / 230 V AC, 50 Hz
Protection class:	IP 65

Advantages

- Manometric method
- Automatic sampling
- Programmable measuring cycle
- CIP resistant
- Easy maintenance
- No pumps etc. necessary