STEINFURTH CO_2-TESTER TS 94.7

... perfect CO_2 monitoring for draught beverages

Both, taste and shelf life of the product are affected by the amount of CO_2 dissolved in the product.

A reliable measuring method is the basis for maintaining a uniform carbon dioxide content in beer, carbonated water and soft drinks.

The easy to operate Steinfurth TS 94.7 is used to determine the amount of carbon dioxide in beverages served out of the beverage dispensing devices. Designed for draught beverages the TS 94.7 can also be used to measure the CO_2 content in tanks or kegs by using suitable compensation pipes.

BENEFITS:

- Easy operation
- Automatic CO_2 calculation
- High accuracy
- Robust construction
- Accurate pressure, temperature measurement
- Suitable for all carbonated beverage types

OPERATION:

Based on the laws of Henry and Dalton, the concentration of CO_2 dissolved in a liquid can be determined in a beverage by measuring the pressure and temperature when a state of equilibrium between the gas and the liquid phase exists.

The TS 94.7 accurately computes the CO_2 by using these measurements in conjunction with the particular product CO_2-formula.

The device is filled with the beverage and manually shaken for a few seconds until the state of equilibrium is archived. The simultaneously measured pressure and temperature are automatically calculated to the CO_2 value and all three parameters are shown on the LCD.

TECHNICAL DATA:

Accuracy:	
Pressure:	+/- 0.02 bar / +/- 0.29PSI
Temperature:	+/- 0.3 °C / 0.54 °F
CO_2 repeatability:	+/- 0.1 VOL
Power supply:	Lithium battery 3.6V
Dimensions:	D= 120mm, H= 130mm D= 4.72inch, H= 5.12inch
Weight:	700 gr.

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