

CanNeed-BCT-100

CO₂ Tester and Pressure Tester

--- Stainless steel, excellent workmanship, good sealing integrity

Applied for the samples of max. diameter 90mm and max. height 320mm



CanNeed-BCT-100



CanNeed-BCT-100-T
With bimetallic thermometer



Beam and base with precise pressing parts, a slim appearance and light weight



Adopt import precision needle valve for fine-tuning uniform exhaust

CanNeed-BCT-100 CO₂ tester and Pressure Tester is for measuring the CO₂ content in carbonated beverages filled in glass and PET bottles or cans. It is designed according to ASBC Theory of American Society of Brewing Chemists, corresponding to “GB/T 4928 – 2001 Brewing Analysis Methods” and “GB/T 10792 – 1995 Carbonated Beverage Analysis Methods”. Therefore, the machine is widely used by Quality and Technical Supervision Bureau and beverage enterprises.

It is applicable to the bottles or cans with different sizes. After the sample is pierced, the pressure is read on the pressure gauge as soon as the equilibrium pressure is achieved. With a dial thermometer installed in the model CanNeed-BCT-100-T, the temperature of the liquid is read at the same time. With model CanNeed-BCT-100, the bottle or can may then be removed from the instrument to measure the temperature of the liquid with a separate thermometer. The CO₂ content is determined by means of the CO₂ slide rule or temperature/pressure relationship charts.

The machine is simple in structure and convenient in application. Equipped with a pressure manometer of high accuracy and a thermometer of standard, it can ensure the accuracy and reliability of the results.

If used together with IAM-30 Air Meter, it can test CO₂ content as well as the air content.

Technical data (Changes reserved):

CO₂ measuring range: 0 - 4.00%v/v, (0.8%w/w)

Pressure measuring range: 0.6 MPa, Resolution: 0.01Mpa

Temperature measuring range: 0-50°C, Resolution: 0.1°C

Sample capacity:

Height: max. 320mm

Bottom Diameter: max. 90mm

(Larger sizes made by order)

* IAM-30 Air Meter (please order for option)

Air content Measure range: 0-30ml

Resolution: 0.05ml.



CanNeed-BCT-100-T
and IAM-30 Air Meter (optional).