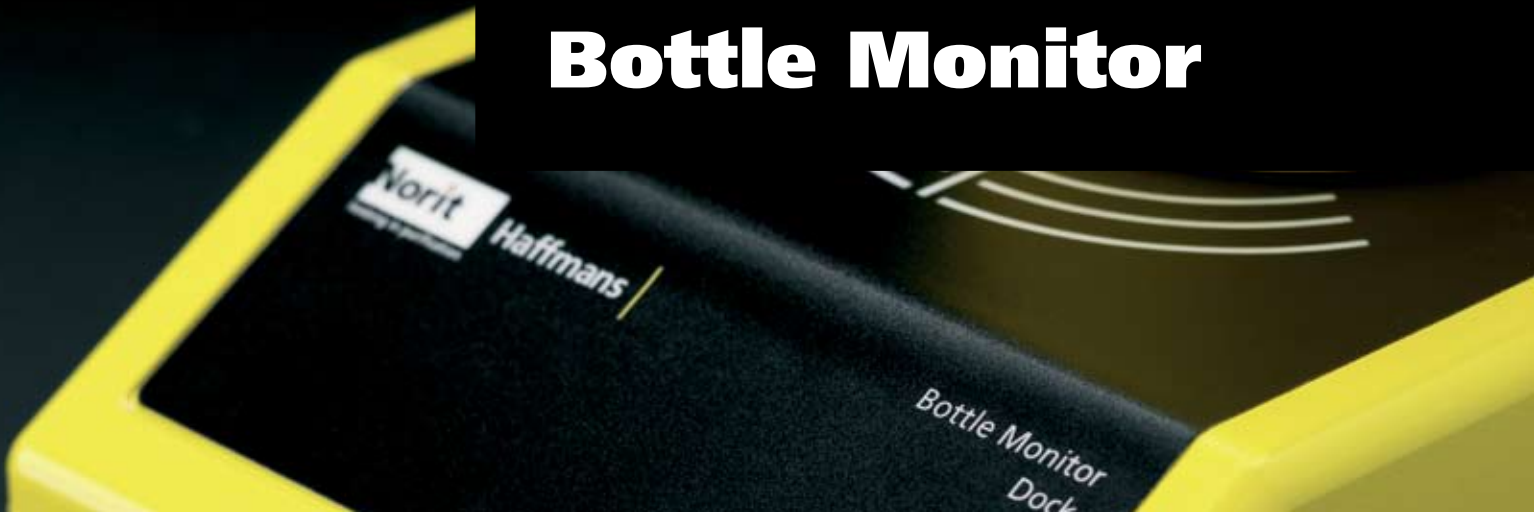


Bottle Monitor



Bottle Monitor

General product information

The evaluation of the cleaning of returnable bottles in breweries and soft drink production plants is an important aspect of quality assurance before filling. There is a significant risk that bottles might be contaminated by foreign substances. Bottle washing is therefore an essential process in the packaging line.

The Bottle Monitor, type BTM, monitors the bottle washing process and measures both temperature and conductivity as a function of time.

The BTM travels among all other bottles through the bottle washer and evaluates its performance. After the process is finished, an LED on the bottom of the monitor indicates immediately after the washing, whether the cleaning process met the requirements programmed in the bottle. The measured data can be transferred to a PC via a dock station. The software processes the measured value and displays it in a tabular and graphical format, which can be printed and/or stored.



BTM

Bottle Monitor



Benefits

- Perfect Process Control
- Cost saving
 - information about condition of bottle cleaner
 - optimization of energy and caustic consumption

Applications

- Bottle Washer

Technical Data

Measuring range

Temperature: 0 - 85 °C
Conductivity: 0 - 300 mS/sm (compensated for 20 °C or 25 °C)

Accuracy

Temperature: +/- 0.5 °C
Conductivity: 0.5 mS/cm + 2 % of measuring value

Recording interval: 1 s
Storage capacity: 1 recording of max. 90 min.

Bottle

Bottle size: NRW 0.5 l / EURO 0.5 l / 0.33 longneck
(other sizes on request)

Battery: Lithium 3.6 V
Weight: approx. 600 g

Dock station

Voltage: 100 - 240 V AC-50/60 Hz
Interface: RS-232
Dimensions: 32 x 120 x 170 (HxWxD in mm)
Weight: 750 g

Scope of Supply

- Bottle
- Dock station with charger and mains cable (Euro, US, UK or AUS plug)
- Service set
- Software set (CD + Interface)
- Instruction Manual

Options

- Certificate of Measurement



ISO 9001 : 2000 Accredited by RIVA

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Haffmans BV reserves the right to make changes in the technical specifications at any time.

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