QUATROL.505 - SUMMARY

- Maintenance-free Inline / Online measuring technology for all application in the softdrink industry
- Very easy operating via touch screen
- Comfortable product memory, freely configurable products
- Fully automatic process-survey, alarm setting and switch-off possibilities
- Various data interfaces for external data transfer
- Automatic guality control, DIN/ISO 9000ff conformity
- Compact and robust design of the sensors

230 VAC 50 Hz resp. 120 VAC 60 Hz / 3 Amp.

- Optional connection of O₂-, conductivity-, pH-, turbidity- and coloursensors
- Cleaning with the cleaning of the process line (CIP)

QUATROL.50S is an open and modular system. It allows the installation of additional sensors, the adaptation of the software, and the connection to external PC or PLC systems. QUATROL grows with customers demand and is adaptable to each plant structure. QUATROL.50S represents a complete automatic quality control system according to IFS/DIN/ISO 9000ff,

Technical data

BRIX: 0...30 °BRIX

%DIET: +/- 1 % CO₂: +/- 0,02 Vol. Drift-free

20/20 °C

RS 232 / 485 4...20 mA per value

Varivent Inline, or 3/8" bypass

ND10 in the mainpipe

WIN XP Embedded QUATROL.50S by ACM

CO₂: 0...10 Vol./0...20 g/l Temperature: 0...30 °C CIP up to 130 °C °BRIX: +/- 0.01 °BRIX

Power supply: **Measuring ranges:**

Accuracies:

Temperature compensation: Signal output:

Process connections:

Operating system: User software:



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Softdrinkmonitorsystem QUATROL.50S





Softdrinkmonitorsystem QUATROL.50S

A continuous and effizient quality control is important for the beverage industry. Especially during the filling process the individual softdrink parameters need to be monitored quickly, accurately and reliably. The flexible, modular



and future-save system QUATROL.50S monitors the specific quality parameters of the beverage. What makes this system outstanding is the easy operating and its high accuracy.

Depending on connected sensorics and production control demand QUATROL.50B determines the following softdrink parameters:

BRIX/%DIET value

Beverage temperature

compensated to 20 °C.

■ CO₂ impregnation pressure

For easy verifying to laboratory

results, all measuring values are

The system owns a big versatile

product storage, media settings for

When a product is selected by

its individual number or name,

the production control process

If measuring values exceed given

problems in the manual mode.

limits, an alarm is indicated.

runs fully automatically.

off is always possible.

on systems HDD.

the filling process.

up to 200 products is possible.

■ CO₂-value

■ pH

Colour

etc.

Conductivity



Statue AUTO 11.50 3.88





Simple operation is guaranteed by modern touch screen display technology.

Operation errors are excluded.

System handling:

Start: Button ,,START", Selection of the product number; Button "ENTER". The system starts in the Manual-mode, no alarms are set.

Automatic: Button "AUTO". After startup the system is switched to surveillance mode, On case of exceeding readings alarms are given.

Manual: Button "MANUAL". Manual operation. Avoids unnecessary alarms in case of errors.

Stop: Whilst the filling process stops, the surveillance mode is halted, no alarms are caused by production stop.

Production finish: Button "FI-NISH". End of surveillance.

All these events as well as additional data can be recorded by in- or external protocol printers.

The QUATROL.50S system provides all up to date data interfaces, to be bind in to existing PC networks or PLC systems.

