



Beer Monitor Basic: Precision Measurement of Alcohol and OE

Relevant for: Brewing industry, large and craft breweries

The Economical Alternative to the Classic Beer Monitor

The Beer Monitor Basic uses the well-proven, totally maintenance free sound velocity sensor from Anton Paar. It measures the alcohol and original extract and can compensate for CO₂ via a measured or stored CO₂ value.

The mPDS 5 evaluation unit with color touchscreen continuously, accurately and reliably determines both beer parameters. Combined with an additional CO₂ sensor, a complete and economic beer and CO₂ measuring system is created. Apart from all typical beers, the same configuration can also be used to analyze today's "big" beers as well as beer mix drinks.

A large mathematical model is not required and only a single initial, product specific adjustment may be needed.

High Accuracy

The reliable and compact sound sensor allows you to determine alcohol and original extract with high accuracy, with a single, simple sensor. Results are automatically temperature and CO₂ compensated.

Easy installation: True Inline Measurement

The sensor connects directly to the main line via Varivent® or DIN flanges. No additional bypass installation is needed.

CO₂ compensation

A Carbo CO₂ sensor can be added to the mPDS 5 evaluation unit – a very economical solution for the measurement of CO₂ and compensation of beer-specific values.

Optional data acquisition

The completely updated, powerful data acquisition and visualization software (client/server) Davis 5 enables operators to save all data and alarms, a statistical analysis, a graphical trend analysis and product adjustments. Password protected access to all measuring systems is easily possible from various locations.

Features and benefits

- Precision measurement of alcohol and original extract
- CO₂, O₂, and color options available
- For all beer and beer mix drinks
- Monitor beer quality continuously, in real time
- No mathematical models or extensive sampling required



Specifications

Measuring Range	
Alcohol	1 to 12 %v/v
OE	5 to 30 °Plato
Accuracy*	
Alcohol	±0.1 %v/v
OE	±0.1 °Plato

**After correct product-specific adjustment on-site and CO₂ compensation. Product specific density 20°C must be entered correctly and stable within ±0.0005 g/cm³.*

Other Relative Anton Paar Instruments

Process Instruments

- [Beer Monitor Classic](#)
- [Cobrix 5 Beverage Analyzer](#)
- [Davis 5 Software](#)
- [Carbo CO₂ Sensors](#)

Laboratory Instruments

- [DMA M Density Meter](#)
- [Carbo QC, CBoxQC](#)



Do you have any questions?

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