

TurbiGuard

USP & Product Features » Customer Benefits



TurbiGuard



Large measuring range (0 – 1000 EBC)

Linearized calibration covering the whole measuring range.

- » Fully-fledged instrument to measure **medium to high level of turbidity**

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Various applications

- » Haze measurement in the brew house
- » Yeast dosing
- » Haze on separators
- » Kieselguhr dosing in the filter cellar

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Compact design / fast reaction

To be fitted in in Standard Varivent[®] housing

No additional control unit is required.

- » Competitive pricing
- » EHEDG approved - fully suitable for all CIP- und SIP processes
- » Very short reaction time:
< 0.3 s with 0 s integration time
(step response → limit switch)

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Sustainability → extreme low maintenance



LED technology, sealless design

Windows of measuring cell made of sapphire glass

- » No exchange of seals & windows
- » No change of light source & low power consumption thanks to LED technology
- » No purge air required
- » As a consequence: extreme low costs of maintenance

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Different options for evaluation

TurbiGuard can selectively be operated with or without the control unit SICON (SICON M):

- » Without the control unit SICON, the TurbiGuard can comfortably be operated through Ethernet connection via a web browser
- » Without the SICON, the following outputs are available:
 - › 4 – 20 mA current output
 - › 2 digital outputs
 - › Profibus DP (optional)



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SICON (SICON M) control unit with touch screen and data logger

Modern design – intuitive operability:

- Touch screen with colour display
- » Measured values, graphics, status and alarm indications can be displayed selectively
- » An internal data storage allows the presentation of the measured data of the last 32 days
- » A password prevents unauthorized access
- » Up to 8 TurbiGuard sensors can be connected to one SICON M
- » Extensive communication options including integrated web browser

TurbiGuard



Warranty & spare part supply

For all newly supplied photometer there is a **2 years period of warranty** and a minimum of **10 years period of guaranteed spare part supply**.

→ High safety of investment

