

## Digital service and qualification tool Memocheck Sim CYP03D

### All-round checker for Memosens measuring points in all industries



#### Lợi ích:

- Fast and reliable functions checks: Freely definable measured values or value ramps offer full flexibility during installation, commissioning, troubleshooting or plant qualification.
- Suitable for controlled environments: Quality certificate and traceable calibration certificate are available on request.
- Safety for your measuring chain: Checks signal transmission from cable coupling to the process control system.
- All parameters in one tool: pH, ORP, conductivity, dissolved oxygen, chlorine, turbidity, nitrate, SAC.
- Approved for hazardous area use.

Thông tin thêm và mức tính giá hiện tại:

[www.apsc.endress.com/CYP03D](http://www.apsc.endress.com/CYP03D)

**Phạm vi ứng dụng:** Memocheck Sim CYP03D is the flexible service and qualification tool for all applications. It simulates definable values and supports you in installation, commissioning or troubleshooting. Memocheck Sim is connected instead of the sensor and checks the complete measuring chain from cable coupling to the process control system, proving that measured value transmission is error free. With the optional quality certificate, you can use Memocheck Sim for full measuring point qualification.

#### Tín năng và thông số kỹ thuật

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## Disinfection

**Measuring principle**

Free chlorine

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**Application**

Simulation of freely configurable values for qualification of digital data transmission of analysis measuring points with Memosens protocol Multiparameter, main- and secondary values

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**Measurement range**

Ranges like the simulated sensors

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**Dimension**

Handheld:

94 x 236 x 25 to 40 mm

3.7 x 9.29 x 0.98 to 1.57 inch

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**Process temperature**

Ambient temperature: -20 to 50 °C (-4 to 120 °F)

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**Connection**

Battery powered

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## pH

**Measuring principle**

Potentiometric

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**Application**

Simulation of freely configurable values for qualification of digital data transmission of analysis measuring points with Memosens protocol. Multiparameter, main- and secondary values

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pH

**Application**

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**Installation**

Temporary connection via Memosens cable with inductive coupling.

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**Measurement range**

Ranges like the simulated sensors.

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**Dimension**

Handheld, 9,5 x 23,5 x 3,5 cm

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3.7 x 9.29 x 0.98 to 1.57 inch

**Process temperature**

-20...55°C ambient temperature

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pH

**Process temperature**

Ambient temperature: -20 to 50 °C (-4 to 120 °F)

**Ex certification**

ATEX: Ex ia, zone 1

**Ex certification**

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**Ex certification**

ATEX, IECEx, CSA

**Connection**

Battery powered

**Connection**

Battery powered

**Connection**

Battery powered

**Ingres protection**

IP65

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IP65

**Ingres protection**

IP65

ORP / Redox

**Measuring principle**

Sensor ORP / Redox

**Application**

Simulation of freely configurable values for qualification of digital data transmission of analysis measuring points with Memosens protocol Multiparameter, main- and secondary values

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**ORP / Redox****Installation**

Temporary connection via Memosens cable with inductive coupling

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**Measurement range**

Ranges like the simulated sensors

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**Dimension**

Handheld:

94 x 236 x 25 to 40 mm

3.7 x 9.29 x 0.98 to 1.57 inch

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**Process temperature**

Ambient temperature: -20 to 50 °C (-4 to 120 °F)

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**Ex certification**

ATEX, IECEx, CSA

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**Connection**

Battery powered

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**Ingres protection**

IP65

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**Oxygen****Measuring principle**

Amperometric oxygen measurement

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**Application**

Simulation of freely configurable values for qualification of digital data transmission of analysis measuring points with Memosens protocol Multiparameter, main- and secondary values

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**Installation**

Temporary connection via Memosens cable with inductive coupling

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**Measurement range**

Ranges like the simulated sensors

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## Oxygen

**Dimension**

Handheld:

94 x 236 x 25 to 40 mm

3.7 x 9.29 x 0.98 to 1.57 inch

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**Process temperature**

Ambient temperature: -20 to 50 °C (-4 to 120 °F)

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**Ex certification**

ATEX: Ex ia, zone 0

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**Connection**

Battery powered

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**Ingres protection**

IP65

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## Turbidity

**Measuring principle**

Single beam scattered light

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**Application**

Simulation of freely configurable values for qualification of digital data transmission of analysis measuring points with Memosens protocol. Multiparameter, main- and secondary values

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**Installation**

Temporary connection via Memosens cable with inductive coupling.

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**Measurement range**

Ranges like the simulated sensors.

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**Dimension**

Handheld, 9,5 x 23,5 x 3,5 cm

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**Process temperature**

-20...55°C ambient temperature

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## Turbidity

**Ex certification**

ATEX: Ex ia, zone 1

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**Connection**

Battery powered

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**Ingres protection**

IP65

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## Conductivity

**Measuring principle**

Potentiometric

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**Application**

Simulation of freely configurable values for qualification of digital data transmission of analysis measuring points with Memosens protocol Multiparameter, main- and secondary values

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**Installation**

Temporary connection via Memosens cable with inductive coupling

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**Measurement range**

Ranges like the simulated sensors

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**Dimension**

Handheld:

94 x 236 x 25 to 40 mm

3.7 x 9.29 x 0.98 to 1.57 inch

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**Process temperature**

Umgebungstemperatur: -20 to 50 °C (-4 to 120 °F)

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**Ex certification**

ATEX, IECEX, CSA

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**Connection**

Battery powered

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Conductivity

Ingres protection  
IP65

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Thông tin bổ sung [www.apsc.endress.com/CYP03D](http://www.apsc.endress.com/CYP03D)