

Digital service and qualification tool Memocheck Sim CYP03D

All-round checker for Memosens measuring points in all industries



More information and current pricing:

www.ca.endress.com/CYP03D

Benefits:

- 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.

Field of application: 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.

Features and specifications

Turbidity

Measuring principle

Single beam scattered light

Application

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

Installation

Temporary connection via Memosens cable with inductive coupling.

Measurement range

Ranges like the simulated sensors.

Dimension

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

Process temperature

-20...55°C ambient temperature

Ex certification

ATEX: Ex ia, zone 1

Connection

Battery powered

Ingres protection

IP65

Conductivity

Measuring principle

Potentiometric

Application

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

Conductivity

Installation

Temporary connection via Memosens cable with inductive coupling

Measurement range

Ranges like the simulated sensors

Dimension

Handheld:

94 x 236 x 25 to 40 mm

3.7 x 9.29 x 0.98 to 1.57 inch

Process temperature

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

Ex certification

ATEX, IECEx, CSA

Connection

Battery powered

Ingres protection

IP65

Oxygen

Measuring principle

Amperometric oxygen measurement

Application

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

Installation

Temporary connection via Memosens cable with inductive coupling

Measurement range

Ranges like the simulated sensors

Oxygen

Dimension

Handheld:

94 x 236 x 25 to 40 mm

3.7 x 9.29 x 0.98 to 1.57 inch

Process temperature

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

Ex certification

ATEX: Ex ia, zone 0

Connection

Battery powered

Ingres protection

IP65

pH

Measuring principle

Potentiometric

Application

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

Application

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

Application

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

Installation

Temporary connection via Memosens cable with inductive coupling.

pH

Installation

Temporary connection via Memosens cable with inductive coupling.

Installation

Temporary connection via Memosens cable with inductive coupling

Measurement range

Ranges like the simulated sensors.

Measurement range

Ranges like the simulated sensors.

Measurement range

Ranges like the simulated sensors

Dimension

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

Dimension

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

Dimension

Handheld:

94 x 236 x 25 to 40 mm

3.7 x 9.29 x 0.98 to 1.57 inch

Process temperature

-20...55°C ambient temperature

Process temperature

-20...55°C ambient temperature

Process temperature

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

Ex certification

ATEX: Ex ia, zone 1

pH

Ex certification

ATEX: Ex ia, zone 1

Ex certification

ATEX, IECEX, CSA

Connection

Battery powered

Connection

Battery powered

Connection

Battery powered

Ingres protection

IP65

Ingres protection

IP65

Ingres protection

IP65

Disinfection

Measuring principle

Free chlorine

Application

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

Measurement range

Ranges like the simulated sensors

Disinfection

Dimension

Handheld:

94 x 236 x 25 to 40 mm

3.7 x 9.29 x 0.98 to 1.57 inch

Process temperature

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

Connection

Battery powered

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

Installation

Temporary connection via Memosens cable with inductive coupling

Measurement range

Ranges like the simulated sensors

Dimension

Handheld:

94 x 236 x 25 to 40 mm

3.7 x 9.29 x 0.98 to 1.57 inch

Process temperature

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

Ex certification

ATEX, IECEx, CSA

ORP / Redox

Connection

Battery powered

Ingres protection

IP65

More information www.ca.endress.com/CYP03D