

## testo 350 Modbus Adapter

Adapter for controlling the  
testo 350 flue gas analysis  
system via the standardized  
Modbus RTU protocol

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Semi-continuous process monitoring with the testo 350

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Stationary/periodic monitoring with the testo 350

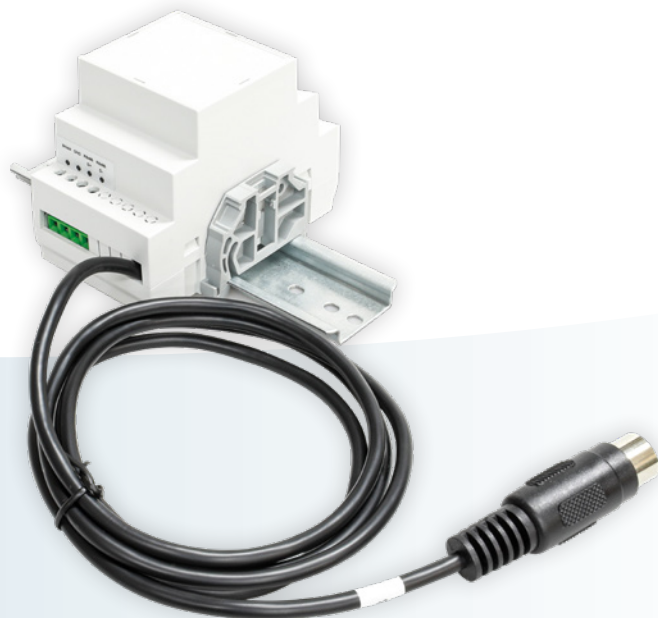
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Connection to TCP gateway via RS485

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Simple mounting via standard DIN rail

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The testo 350 Modbus Adapter enables the testo 350 flue gas analysis system to be controlled via the Modbus RTU protocol, which is widely used in industry. The possible control includes digital communication for controlling measurements and direct data processing in customer-specific software environments. The connection of a separately available TCP gateway enables communication between the testo 350 and an Ethernet-based Modbus system.

Modbus is simple, robust and well suited for use in environments with electrical noise and other industrial environments.

Digital communication enables complete remote control of the testo 350, processing and recording of measurement data in customer-specific software environments, as well as remote reading of error messages.

## Order data

### Modbus Adapter

1x Modbus/RTU adapter incl. connection cable to testo 350, quick guide (operating instructions incl. Modbus documentation as download), 2x terminal blocks for fixing to DIN rail



Order no. 0554 3540

### testo 350 analyzer box

testo 350 analyzer box, fitted with O<sub>2</sub>, incl. differential pressure sensor, temperature probe input Type K NiCr-Ni and Type S Pt10Rh-Pt, Testo data bus connection, rechargeable battery, integrated combustion air probe (NTC), trigger input, measurement data memory, USB port, can be upgraded to max. 6 gas sensors from the selection of CO, CO<sub>low</sub>, NO, NO<sub>low</sub>, NO<sub>2</sub>, SO<sub>2</sub>, CO<sub>2</sub> NDIR, C<sub>x</sub>H<sub>y</sub>, H<sub>2</sub>S, incl. carrying strap set for analysis box and control unit



Order no. 0632 3510

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## Technical data

### General technical data

Storage and transport temperature	-20 to +50 °C / -4.0 to 122.0 °F
Operating temperature	-5 to +45 °C / 23.0 to 113.0 °F
Protection class	IP20
Fire protection class	V-2 UL94
Power supply	via the socket of the testo 350
Weight	140 g / 0.31 lbs
Dimensions	53 x 90 x 65 mm / 2.1 x 3.5 x 2.6 in
Housing material	ABS V0

Firmware version 1.29 or higher is required for the analyzer unit.

## Connection to the testo 350 flue gas analysis system

Connection of additional sensors /  
**Modbus Adapter**



### Areas of application

- Semi-continuous process monitoring
- Stationary/periodic monitoring
- Long-term tests in research & development

Subject to change, including technical modifications.