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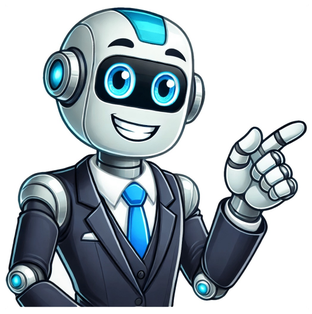

Contact Us for Testo Ltd Testo Ltd is based at Newman Lane, GU34 2UR in Alton, Hampshire, United Kingdom, and can be reached by phone on 01420 544433. The company operates Monday through Thursday from 8:30am to 5:00pm, with a reduced schedule of 8:30am to 4:00pm on Fridays. A free manual for the Testo 350 is available online, which has been rated by two users and has an average rating of 9.5 out of 10. The manual is only available in English. For any questions regarding the Testo 350 or need assistance, users can submit their inquiries here. The manual for the testo 350 portable flue gas analyzer emphasizes safety and environmental considerations, outlining proper use and disposal procedures to prevent injuries and damage. It is crucial to read the documentation carefully before using the product and to only use original spare parts from Testo. Any additional work should be performed by authorized personnel to ensure the device functions properly and maintains its certifications. The testo 350 consists of a control unit and a measurement box, with specifications including Bluetooth connectivity with a range of less than 10 meters and compliance with various international standards such as FCC in the US and EU regulations. The device is designed for professional flue gas analysis and comes with warnings and safety symbols to ensure safe operation. Proper disposal of batteries and the device at the end of its life cycle is also outlined, including separate collection for electric and electronic devices or return to Testo for disposal. The manual covers various aspects of the product, from safety precautions to technical specifications, including measurement ranges and resolution for analysis. Regular maintenance tasks such as cleaning the main gas pump, changing the main gas pump, and replacing parts like the motor of the condensate pump are also detailed. Calibration and adjustment procedures are mentioned to ensure accurate measurements. The device's compliance with international standards is highlighted, with declarations of conformity available on the Testo website. Overall, the testo 350 manual provides comprehensive information for the safe and effective use of the portable flue gas analyzer. Parameter range: 0-500 ppm, 0.1 ppm, 0-5,000 ppm, and 1 ppm; also includes ranges for IR, volume percentage, and natural gas concentrations. Differential pressure: -40 to 40 hPa, with an accuracy of 0.01 hPa. Specifications: * Measurement Accuracy: + CO, H (comp.) ±10 ppm (0-199 ppm), < 40 s (t90) + Combustion air ±0.2°C (-10-50°C) * Response Time: + CO, H (comp.) < 40 s (t90) + Combustion air < 40 s (t90) Options: * Measurement range extension for individual slot * Fresh air valve (dilution factor 5) * Other instrument data: + Ambient temperature -5°C to 45°C, with a maximum short-term temperature of up to 80°C due to radiated heat. + Ambient pressure 600-1,100 mbar (abs.) + Ambient humidity 5-95% rF Product Description: * Control Unit: + IrDA interface + Switch On/Off + Magnetic holder on the rear (WARNING: magnetic field may be harmful to those with pacemakers) + Display and keyboard * Interfaces: + USB 2.0 + Charger + Testo Data bus Guide for Control Unit: * Main Menu: + Power Options: - Automatic instrument shut-down on/off - Display backlight in battery operation on/off + Display brightness (set display brightness) + Printer (select printer, enter print text) + Bluetooth (option) 1. Condensate trap and condensate container are installed on the box. 2. Locking/unlocking button is for Control Unit. 3. Measuring gas particle filter can be adjusted with a slider. 4. Fresh air inlet valve controls airflow to the filter. Note: The product should not have its covering cap removed while plugged in. 5. Pressure ports p+ and p- are available for measurement. 6. Testo Data bus is used for data transmission. 7. A diluting gas filter can be replaced to improve accuracy. Additional features include: 8. Automatic zeroing of pressure for accurate flow measurements. 9. Gas preparation using a constant measuring gas dew point temperature. 10. The Control Unit has a power button and automatic shut-down feature. The product also includes: 11. A removable filter chamber with a particle filter window. 12. A probe module that can be locked in place. Charging information: 13. The Control Unit is charged via the mains unit or rechargeable battery. 14. Charging via Data bus cable requires the Control Unit to be locked to the meas. box. Setup instructions: 15. Turn on the Control Unit and select a measurement range. 16. Adjust the dilution factor settings according to your needs. 17. Configure the display settings for optimal performance. Given article text here Looking for easy-to-understand information on setting up and using a bus system with Testo analyzer units? Here's a simplified guide to get you started. First, make sure all your analyzer units are equipped with the correct country version. Next, when connecting testo easyEmission software to measuring boxes, don't change the number of measuring boxes without ending the software first. To add new ones, simply restart the software after connecting the new box. Each component connected to the Testo data bus must have an unambiguous bus address. If needed, you can adjust this setting to ensure everything works smoothly. To establish a Bluetooth connection between your Control Unit and measurement box or PC/Notebook, ensure both devices support this function. The Control Unit will display its screen and search for connected meas. boxes, showing them as separate tabs. If the Control Unit has been turned on before, press it again briefly to set up a new connection. To save an entry, select the value you want to change and press OK. The Control Unit has some useful features like input editor, which lets you search for connected boxes or toggle between characters and special characters. You can also access folders/locations where all readings are saved. Lastly, remember that certain parameters like Pitot Tube factor and Humidity influence specific measurements in your analyzer units. 1. Saved records under serial number of meas box display data folders locations readings. 2. Display operating values instrument data and sensor status with device errors not fixed. 3. Calling up > function 5.5.4. Instrument info Device info [OK]. 4. Fill condensate trap level displayed if plugged to analyzer unit. 5. Using product Assigning right hand key Options menu via left function key. 6. Set dilution stage auto-dilute when set threshold exceeded. 7. Select dilution all x5 change confirm entry. 8. Measurement view meas box parameters units display settings. 9. Display measurement parameter effg efficiency heat range carbon monoxide etc. 10. Change parameter unit line select parameter unit save changes options. 11. Date time function available in meas box Control Unit set date time mode time. 12. Transfer data to record printer infrared Bluetooth interface printer enabled testo 350 printers high-speed Bluetooth infrared print orders no. 0549 www.testo.com/download-center. The user guide for the testo 350 flue gas analyser provides detailed information on its operation and maintenance. To ensure accurate measurements, it is crucial to select the correct fuel configuration, which can be done using the testo easyEmission software or by consulting the Test Gas Manual. The sensor must be zeroed regularly, specifically within 10 minutes of switching on, to prevent drifting. To calibrate the device, follow these steps: go to Sensor settings, then Calibration/Adjust, and input your password if required. Perform gas zeroing for 30 seconds, followed by calibration or adjustment of CO-, SO2-, NO-, O2-, CxHy-sensors. The user guide warns against handling test gases in poorly ventilated areas and advises using a service adapter to apply the test gas directly to the probe tip. The device also features various parameters that can be set and saved, including five flue gas measuring programs. Additionally, users can adjust settings such as measurement rate and stop criterion. The manual provides instructions on how to reset the hour meter and display calibration data. When operating the testo 350, it is recommended to ensure proper ventilation and follow safety guidelines when handling test gases. To ensure accurate measurements with the Testo 350, it is essential to follow certain guidelines. When using the device, the position of the testo 350 must not be changed during a measurement (Page 70, Section 6). Additionally, under ambient temperatures below 10°C, the CO-(IR) sensor requires a shorter heat-up time to reach full measuring accuracy, typically taking 15 minutes at -5°C. Zeroing takes place automatically when the CxHy sensor is activated. To obtain accurate readings, wait about 10 minutes with the instrument switched on before starting another zeroing process manually. Periodically carrying out zeroing helps prevent the CxHy sensor from drifting during lengthy measurements (Page 72). For flue gas measurements, both analyzer units must have a fresh air valve. If one of the two meas. boxes is equipped with a measurement range extension, the Testo 350 will automatically recommend it for use. When selecting fuel, choose from the various options available, including Flue Gas, Flue Gas + m/s, Flue Gas + Δp, and Program for all meas. boxes (Page 74, Section 6.2.3.1). To call up the function, select the measurement type, then navigate to Options and Save or Print the readings as desired. Note that measurements should not exceed 5 minutes, as this can affect pressure sensor accuracy. The device offers various options for configuring the data, including saving, printing, showing a graphic, and configuring the graphic (Page 76). For oil flow rate, the function is only available if the chosen fuel is an oil. The analog output unit 0554 3149 is suitable for up to 6 measuring channels in the form of analog signals (4 to 20mA) (Page 78). When connecting channels, ensure that there are no undesired ground loops. The positive output is connected to the ground connection of the recorder in both channels (Page 79). The recharging battery pack for the analyzer can only be replaced by a Testo service expert. The measurement box must not be connected to a power socket when in use and must be switched off before maintenance. CO H-compensated sensors, governed by Germany's Federal Immission Control Ordinance, should only be replaced or retrofitted by a certified Testo service center. When upgrading a sensor, ensure the associated measurement parameter and unit are enabled, as described in Section 6.1.4 Sensor settings on page 82. For maintenance, follow these steps: Remove the defective sensor from its bracket (pages 82-83). Disconnect hoses from connecting nipples. Remove the old sensor or bridge. For NO/NO sensors, remove the auxiliary circuit board. Allow a 15-minute acclimatization period after replacing an O sensor before using the instrument. Additionally: * Replace the filter for NO sensors as described in section 7.4. * Clean the modular flue gas probe by disconnecting it from the measuring instrument and following steps 1-2 on page 87. * Clean the condensate trap/container by unlocking it, pulling it off the measurement box, opening the drain plug, and wiping down the condensate outlet (pages 88-89). * Open the filter chamber to replace the dirt filter, then attach the filter cover and lock it clockwise (page 90). * Access the service compartment on the back of the measurement box by opening the locking clip (pages 91-92). Please note that some procedures may require compressed air for cleaning or specialized tools. Maintenance Instructions: 1. Unplug the condensate pump from its power source. 2. Release the lateral clip locks and remove the pump head. 3. Disconnect the inlet and outlet hoses from the measurement box. 4. Loosen the motor on the condensate pump (a short anti-clockwise turn). 5. Remove the old filter and replace it with a new one. Reassembly: 1. Place the motor of the condensate pump into its bracket. 2. Secure the motor with a short clockwise turn. 3. Connect the inlet and outlet hoses to the measurement box. 4. Reattach the pump head. 5. Replace any other worn-out parts as needed. Recommended Maintenance Cycles: * Main gas pump: 2500 hours + Renew the pump if it reaches this milestone. * Dilution Gas Flow Rate: + If too high or low, contact your local dealer or Testo Customer Service for assistance. * Exhausted Sensor: + Replace the sensor if its reading is too high. Accessories and Spare Parts: * Printer: Spare thermal paper (0554 0568), permanent ink (0554 0568) * Filter: Particle filter for probe handle (0554 3385, 20 pcs.), dirt filters for measuring box (0554 3381), replacement sintered filter for probe (0554 3372), spare filter for NO sensor (0554 4150) Troubleshooting: * Battery not fully charged: Firmware update may be affected. * Status display flashing green and red: This is a normal process that may take a few minutes. The measurement box will automatically reboot once the firmware update is complete. Appendix: * Recommendation for emission measurements over an extended period: + Rinse times for high concentrations + Calibration cycles for emission measurements the Testo 350 is not suitable for prolonged measurements, but it's often used for short-term checks like start-up testing, maintenance and calibration of industrial systems such as combustion, process and power units. Regular maintenance, recommended by page 104, is also advised to ensure accuracy.

Testo 557s nederlands. Testo 350 calibration. Testo 550 reset. Testo 350 manual. Testo 300 hard reset. Testo 300 reset.