

The new flue-gas analyzer EUROLYZER ST

Inspired by the idea to create a completely new, unique system for flue gas analysis, our engineers have developed a flue gas analyzer with unrivalled features. EUROLYZER ST, the predecessor of the new model, had already become a real hit as a result of its user-friendliness and cost-effectiveness. After thousands of devices sold, this evergreen has now been completely redesigned. Instead of making a few cosmetic corrections or a simple upgrade, we have built an innovative flue gas analyzer that combines excellent, proven technologies and all state-of-the-art technologies. It is sufficient to take a quick glance at the instrument to see that the new EUROLYZER ST represents a quantum leap in the field of portable flue gas analyzers.

The new EUROLYZER ST is an ergonomic, light-weight flue gas analyzer for checking and servicing oil- and gas-fuelled systems (optionally also for pellet systems). The extremely easy-to-handle device is already approved according to the German BImSchV as well as DIN EN 50379-2 standard. In addition, the user benefits from maximum product reliability since quality and production of the instruments are subjected to regular inspections and stringent checks by TÜV-Süd.

EUROLYZER ST is no longer operated via a foil keyboard, but a touchpad for scrolling. Immediately after the instrument is switched on, the high-resolution, extremely clear TFT monitor with brilliant contrast and even backlighting signals that the device is ready for operation.

The intuitive user interface excels with high user-friendliness that is further supported by a colour-coded menu system.

For example, the measuring programs are easy to identify: flue gas measurement - green, temperature measurement - blue, pressure measurement - yellow.

The dynamic interaction of touchpad and TFT colour monitor leaves nothing to be desired. A status line for device- or program-specific message and information (e.g. pump operating mode, range exceeded, etc.), representation of measured value in different colours (e.g. when limit values or alarm thresholds are exceeded) and/or the function line for relevant and program-related information (e.g. selected fuel, time, date, etc.) make using the EUROLYZER ST a breeze.

The data interfaces (USB, Bluetooth) allow for simple connection to and communication with PCs, notebooks, PDAs or other master data recording systems. Of course, an infrared interface for the "EuroPrinter" and/or an HP thermal printer for documenting the measured results directly on site is also available. Micro-SD cards as system-independent storage media ensure maximum flexibility in terms of storing and handling the measured data. All standard Micro-SD cards with a memory of up to 4 GB can be used. The card can be read without any additional software by all notebooks and PCs.

Improved sensor technology is yet another highlight of the new EUROLYZER ST. For the first time, it enables H₂-compensated CO measurements with a measuring range of up to max. 9,999 ppm (nominal 5,000 ppm). Even polluted filter elements do not impede the accuracy.

Other outstanding features comprise: Multi-tasking measuring with 2 active representation layers. Separate measuring programs are available for differential pressure and differential temperature. The analyzer features an automatic self-diagnosis system with sensor status monitoring. Fuel-specific dew point calculation is integrated. The powerful NiMH rechargeable battery block ensures operation of up to 10 hours in eco mode. Non-wearing stainless steel connections for gas and pressure connections allow for the use of virtually any type of accessories. The connector system for NiCr-Ni thermocouples (type K) ensures unlimited compatibility for the use of all types of temperature sensors.

In spite of all these outstanding features and the implementation of latest technologies in known and proven systems, The new EUROLYZER ST can be offer in the same price class as its predecessor. Therefore, the new analyzer provides the user with an excellent price/performance.