

WARNINGS AND SAFETY GUIDELINES

Before using the *Firesting O2* and its sensors, read carefully the instructions and user manuals for the oxygen meter *Firesting O2*.

In case of problems or damage, disconnect the instrument and mark it to prevent any further use! Consult *Pyro Science* for advice! There are no serviceable parts inside the device. Please note that opening the housing will void the warranty!

The *Firesting O2* is not watertight, is sensitive to corrosive conditions and to changes in temperature causing condensation. Avoid any condition (e.g. direct sun light) causing a heating of the device above 50°C (122°F).

Handle the sensors with care especially after removal of the protective cap! Prevent mechanical stress to the fragile sensing tip! Avoid strong bending of the fiber cable! Prevent injuries with needle-type sensors!

Calibration and application of the sensors is on the user's authority, as well as data acquisition, treatment and publication!

The sensors and the oxygen meter *Firesting O2* are not intended for medical or military purposes or any other safety-critical applications.

The sensors should be used in the laboratory only by qualified personal following the user instructions and the safety guidelines of the manual, as well as the appropriate laws and guidelines for safety in the laboratory!

Keep the sensors and the oxygen meter *Firesting O2* outside the reach of children!

Fiber-Optic Oxygen Meter *Firesting O2*

QUICK START
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QUICK START

The fiber-optic oxygen meter *Firesting O2* can be used with all oxygen sensors from *Pyro Science* (needle-type and bare fiber microsenors / minisenors, sensor spots, sensor cuvettes, flow-through cells; full range and trace sensors).



Depending on the purchased version, the *Firesting O2* is equipped with 1, 2, or 4 channels (receptacles S1 to S4) for fiber-optic oxygen sensors and one receptacle (T) for a temperature sensor. The USB-connector provides the energy supply and the data exchange with the PC. The device is operated by the Windows software *Firesting Logger* provided by *Pyro Science*.

IMPORTANT: Do not connect the *Firesting O2* to your PC before the *Firesting Logger* software has been installed!

SYSTEM REQUIREMENTS: Windows 2000/ XP/ Vista/ 7, 200MB free drive space, free USB port. Note: „Windows 7 starter edition“ is not supported.

Step 1 Download the manual (PDF) and the installer package for the *Firesting Logger* software from the internet address <http://www.pyro-science.com/downloads.html>

Step 2 Unzip the installer package and start "setup.exe". Follow the instructions of the installer software. After successful installation there will be a new program group "Pyro Firesting O2" in the start menu and a shortcut "Firesting" on the desktop.

Step 3 Connect the *Firesting O2* with the included USB cable to the PC. Wait for "pop-ups" in the lower right corner of the desktop indicating that the computer has initialized the correct USB driver.

Step 4 Remove the protective caps from the *Firesting O2* and the sensor connectors. Then connect the sensors to the connectors S1-S4 and lock the bayonet coupling.

Step 5 For automatic temperature compensation of the oxygen measurement or for independent temperature measurements, connect the temperature sensor to the connector (T).

Step 6 Start the *Firesting Logger* software, adjust the **Settings** and enter there the **Sensor Code** written on the label attached to the sensor. Adjust the required logging parameters, perform a **Calibration** of the sensors and activate **Log to File** for data saving.

IMPORTANT: This quick start does not replace the manual. The user is strongly advised to read carefully the manual of the *Firesting O2* in order to avoid inappropriate use!

