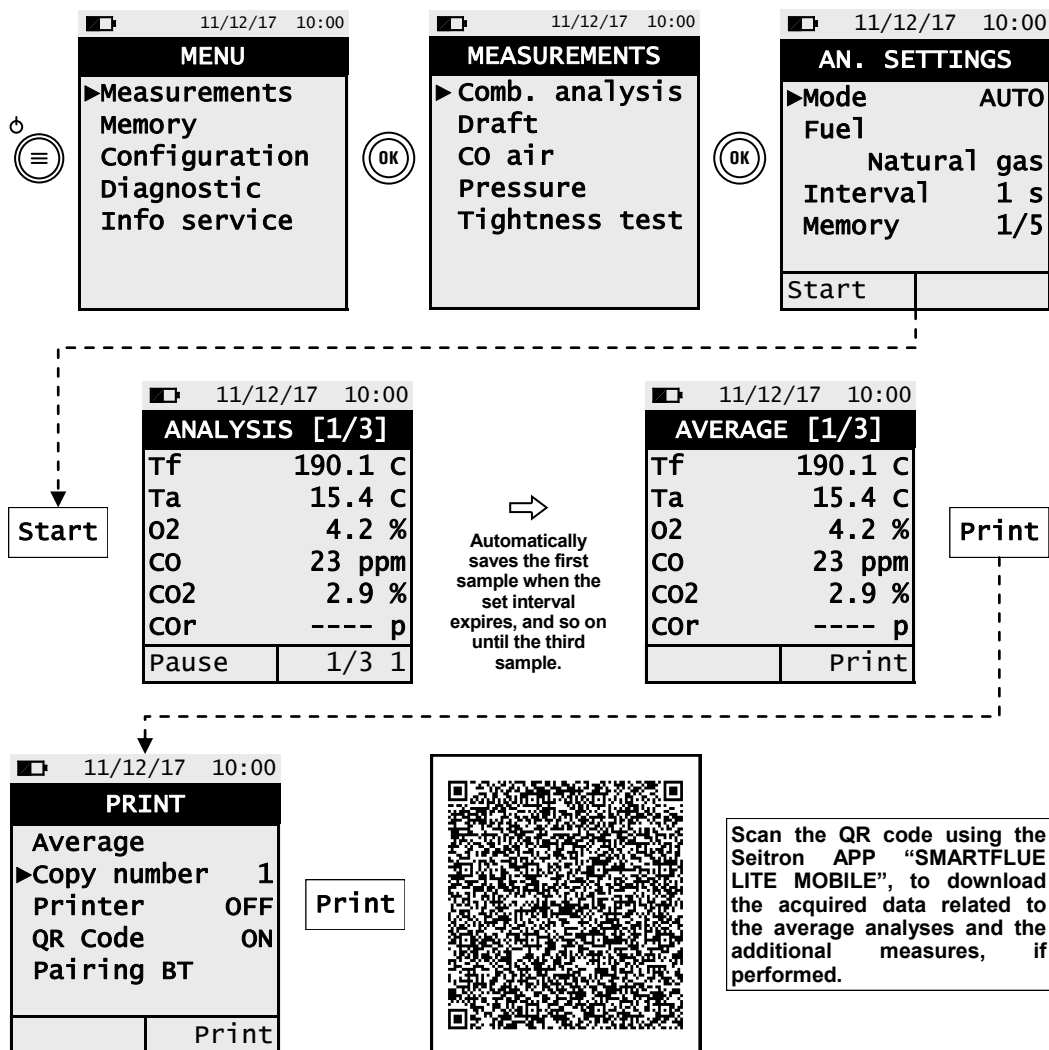


7 COMBUSTION ANALYSIS AUTO MODE

QUICK GUIDE CHEMIST 100 BE GREEN



FEATURES:

- Combustion analysis in Auto or Manual Mode
- Calculation of stack heat loss and efficiency
- CO environment measurement
- Measuring differential pressure
- Draft measurement
- Pressure measurement in the gas supply pipe
- Generation and display of a QR Code for downloading the data of the analyses
- Possibility to print on ticket the analyses and the performed measures with a Bluetooth® printer (optional)



The magnets in the back of the instrument can damage credit cards, hard drives, mechanical watches, pacemakers, defibrillators and other devices proven sensitive to magnetic fields. It is recommended to keep the instrument at a distance of at least 10" away from any of these devices.

KEYBOARD FUNCTIONS

KEYS	FUNCTION
[^] [^]	Activate the context keys shown on the display.
[Power]	Turns on and off the instrument. - If pressed briefly, accesses the instrument menu. - If pressed for at least 2 seconds, turns off the instrument.
[ESC]	Exits the current screen.
[OK]	Confirm settings.
[Left] [Right] [Up] [Down]	Select and/or Modify.

CONTEXT KEYS

CONTEXT KEY	FUNCTION
[Save]	Saves the data in the instrument memory.
[Print]	Display the printing options screen and consequently execute it.
[Delete]	From the main screen erase the memory. From every measure or analysis screen, erase the single data.
[Keep]	Proceed with the combustion analysis.
[Repeat]	Repeat the autozero phase.



- Before starting the combustion analysis, select the utilized fuel.
- If it is desired to print the ticket of the average analyses and the additional measures enable the printer in the "PRINT" menu.
- If it is desired to print the complete analysis and the performed measures, it will be necessary to enter the memory menu "MEMORY", select the related memory number and push the "PRINT" interactive function button.
- To download the data of the single performed analyses, it's necessary to enter the "MEMORY" menu, select the memory number used to save the analyses and the measures and select one at a time the single rows.



Seitron respects the nature and the environment, therefore provides this quick user guide of the CHEMIST 100 BE GREEN analyzer. However the complete manual for use and maintenance of the CHEMIST 100 BE GREEN is already available at the internet site www.seitron.com. Respect your environment: think before printing the full manual on paper.



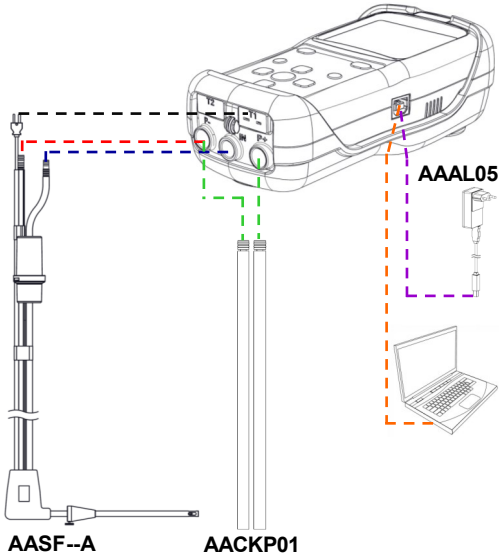
Via del Commercio, 9/11 36065 - MUSSOLENTE (VI)
+39.(0)424.567842 - +39.(0)424.567849
info@seitron.it - www.seitron.it

1 USING THE FLUE GAS ANALYZER



- Be sure all connections are tight to assure accurate sampling.
- When conducting measurements, the water trap/filter assembly **MUST** be in a VERTICAL position to prevent damage from moisture & particles to sensors.

• When testing is completed, always drain the water trap.

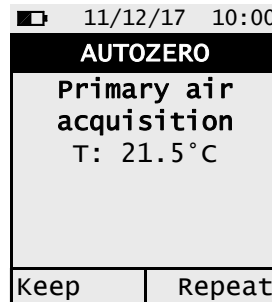
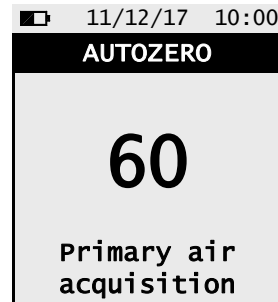
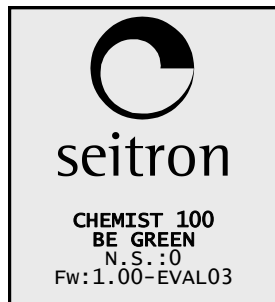


2 ON / OFF



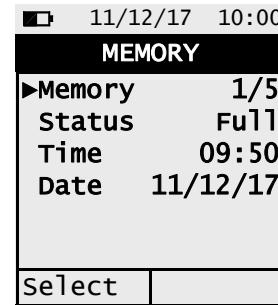
- Before switching on the instrument, insert the Tc-K connector of the smoke probe to the instrument for primary air acquisition.
- Perform the Zero phase of the instrument in fresh clean air.
- When the Zero phase is over, push the button related to the interactive function "Keep" to store the acquired temperature value.

Keep pressed for a few seconds

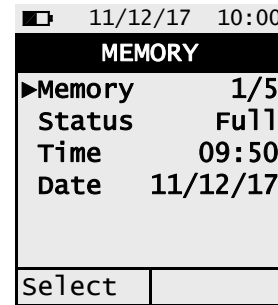
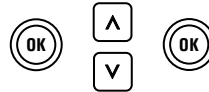


3 MEMORY

Menu→Memory



Procedure to set the memory number where it will be possible to store the analyses/ measures

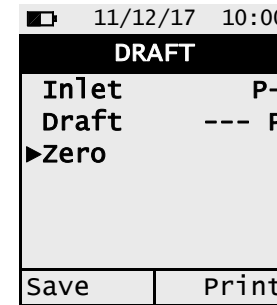


Procedure to visualize the content of a memory

Select

4 DRAFT MEASUREMENT

Menu→Measurements→Draft

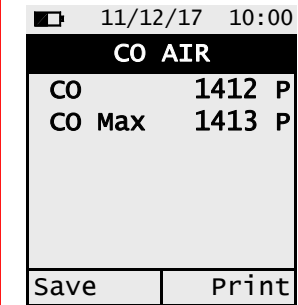


Procedure to perform the draft measurement:

- Perform the Zero phase of the pressure sensor: Select "Zero" => push **OK**.
- Connect the pressure output of the probe with the P- inlet of the instrument.
- Insert the tip of the smoke probe in the stack.

5 CO AIR MEASUREMENT

Menu→Measurements→CO air

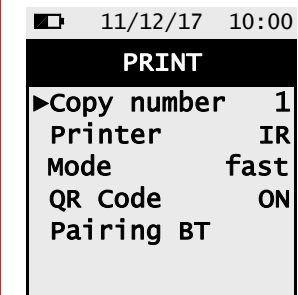


WARNING

It is compulsory to perform the Zero phase in clean air, so that the environment CO measurement results correct. It is advisable to turn on the instrument and wait for the Zero phase completion outside the area where the test is being performed.

6 PRINT

Menu→Configuration→Print



Ticket print

Set the parameter "Copy number"
Set the parameter "printer" on BT or IR

Only if the printer is set on IR:

Set the parameter "Mode" on fast or slow

Only if the printer is set on BT:

Associate the instrument to the BT printer through the parameter Pairing BT (only for the first time)

QR code generation

Set the parameter "QR code" on ON