

QUICK START GUIDE:

CM-1650 PORTABLE CO2 WELDING GAS ANALYZER



Inlet Port

Outlet Port

1.

Unpack the device, ensure it is charged and ready to use.

2.

Power on and wait for the device to complete its warm up cycle.

3.

Use the included tubing and flow regulator to connect your CM-1650 to your gas source. Please note, the tubing should be connected to the inlet port (right hand side). Ensure the regulator is in the fully open position (1.0 LPM).

Failure to use the included regulator could result in serious damage to the device.

4.

Use the up and down directional buttons to scroll through mixture options and select your CO2 blend to be analyzed, then press Enter.

5.

Connect your flow regulator to the source, open the regulator fully to apply gas to activate the device. Secure your tubing and you are ready to begin analyzing.

[Watch Our Quick Start Video Here](#)

TROUBLE SHOOTING:

CM-1650 PORTABLE CO2 WELDING GAS ANALYZER

Symptom / Issue	Possible Cause / Resolution
Device does not power ON	Make sure the power supply is connected properly and that there is power from the outlet. Ensure the device's internal batteries are charged.
Slow Response	Check the air flow channels to make sure they are not obstructed.
Reading Error	Ensure that the Inlet/Outlet Luer Cap Fittings are removed to enable an accurate means of sampling.
Red SD Card Icon Appears	This indicates that the SD Card is either damaged, missing, or full of data. Replace SD Card.
LCD Display Turns Off During Measurements	Reference the "settings" section to adjust back light / auto power off from default settings.
LCD Screen Troubleshooting During Use	If the user experiences issues with the screen orientation, this setting can be changed by referencing the "settings" section and adjusting the "screen auto rotate" to "NO".