

Installation Instructions

OXY5500 Transportable Analyzer

EA01389C/66/EN/01.21

The following instructions are being provided for the OXY5500 Transportable analyzer configuration. Refer to the manuals on the enclosed System Documents CD for additional programming information, analyzer installation and maintenance guidelines.

The OXY5500 Transportable analyzer contains the analyzer and modified sample conditioning panel secured inside a rolling Pelican case. This configuration is not intended for permanent installation, but for periodic use at multiple locations.

Connecting electrical power to the analyzer



The OXY5500 Transportable analyzer is powered by 9 to 36 VDC or 120 to 240 VAC. Refer to the Analyzer Operator's manuals provided with the shipment for additional installation information.

1. Open the lid to the portable carrying case. The OXY5500 analyzer and sample conditioning system (SCS) are mounted to the inside.
2. Open the SS2100 analyzer electronics enclosure door. Take care not to disturb the electrical assembly inside.



Hazardous voltage and risk of electric shock. Failure to properly ground the analyzer may create a high-voltage shock hazard.

3. Remove the red plug caps from the conduit hub on the right side of the analyzer enclosure labeled for power input.
4. Run armor-braided cable to the conduit hub.



Cable gland should be used where appropriate in compliance with local regulations.



The electrical installation to which the apparatus is connected must be protected against transients. The protective device has to be set at a level not exceeding 140% of the peak rated voltage values at the power supply terminals.

- For AC systems, pull ground, neutral (N) and L1 wires into the electronics enclosure. Refer to Figure 1.

For DC power, pull V1 +, - and ground wires into the electronics enclosure. Refer to Figure 1.

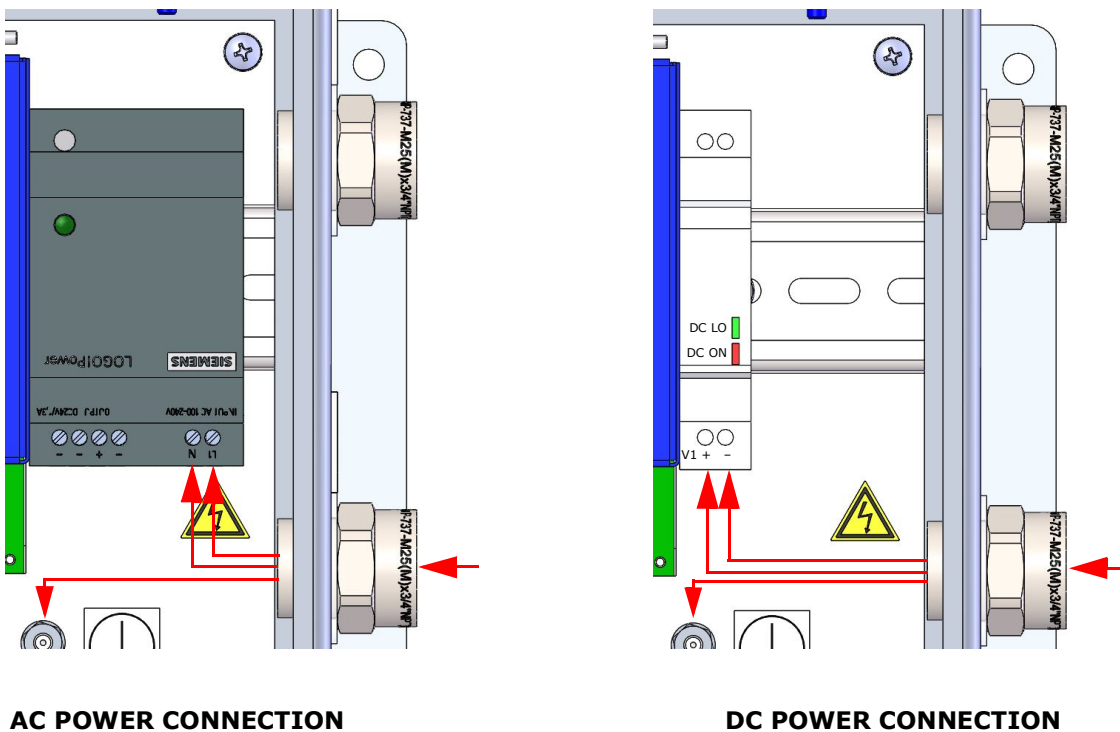


Figure 1 AC/DC power connections

- Strip back the jacket and/or insulation of the wires just enough to connect to the power terminal block.
- Connect the main ground wire to the protection ground terminal marked \oplus .
- Close and tighten the analyzer enclosure door.



Apply 4 N-m (35 in-lbs) of torque on each bolt to ensure the door is closed properly to maintain required ingress protection.

Sample Conditioning System (SCS) Panel

The SCS has received minor modifications from the standard configuration provided with the OXY5500. The differences are most apparent in the parts used rather than the operation. Refer to the OXY5500 Sample Conditioning System (SCS) Overview Manual (P/N 4900002244) for information on the SCS operation and maintenance.

Spare Parts

The following spare parts list is specific to the OXY5500 Transportable analyzer SCS only. Other parts for this configuration type can be found in the OXY5500 Sample Conditioning System (SCS) Overview Manual (P/N 4900002244). Refer to the OXY5500 Operator's Manual (P/N 4900002239) provided with the shipment for information regarding spare parts for the analyzer. When ordering, please specify the system serial number (SN) to ensure that the correct parts are identified.

Table 1 Replacement parts for OXY5500 Transportable SCS

Part Number	Description	2 YR QTY
Sample Conditioning System		
6101671208	Needle Valve, 1/4 in. TF (SS)	-
6100002004	Pressure Gauge (1.5 in.), 30 PSIG, 1/8 in. MNPT (SS)	-
6100322140	Quick Disconnect, Deso Stem, 1/4 x 1/4 sw, SS316	-

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