

Sanrex Plasma Welding

The Sanrex 300PW and 150PW are Plug-n-Play to the Thermal Arc Plasma Welding Modular system and Ultima 150 system.

Thermal Arc Modular System

Consist of a DC/CC Power Supply, WC100B Weld Console, HE100A or HE200A Coolant Recirculator and a 2A, 3A, 4A or PWM300 Torch. The Weld Sequencer and remote pendant are options for pulse and slope functions. See figure 1-A.

The 300PW replaces the DC/CC Power Supply the WC100B and the Weld Sequencer.

Thermal Arc Torch connections are standard Oxygen Right Hand B nut female (9/16"-18 Thread). Same as the 300PW. Match each Hose color with color marked on Torch terminal connection board.

Connect the Cooler recirculator coolant hoses to the coolant recirculator fittings on the back panel of the 300PW.

Connect Plasma Gas and Shield gas supplies to gas fittings on the back of the 300PW. Two Gas hoses required. Part number MS1000.

If using the 14 Pin Black Amp receptacle on the WC100B to interface to your fixture you will need a ADC001 adaptor. If connecting to the WC100B terminal strip inside connect matching signals to the terminal strip located on the back of the 300PW. See 300PW Owners manual for I/O signals.

Work lead is not supplied with the 300PW. Work lead connection is a 50mm Dinse receptacle.

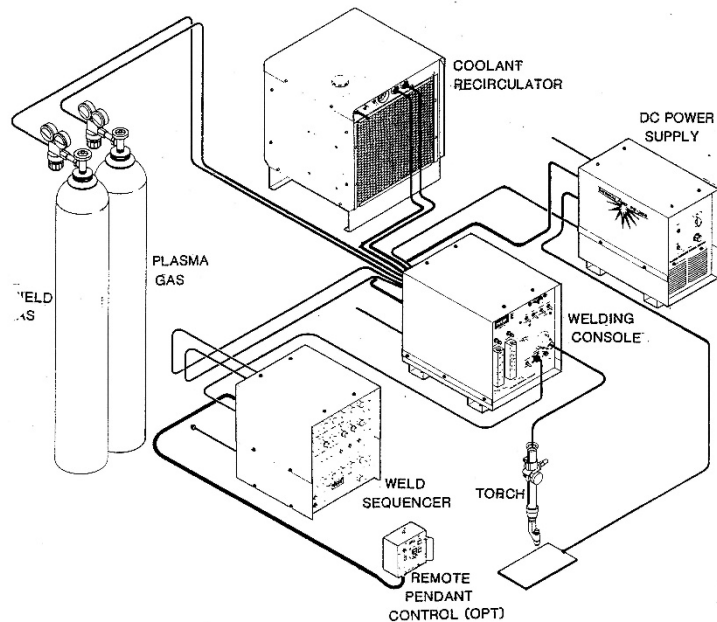


Figure 1-A Plasma Welding System

Thermal Arc Ultima 150

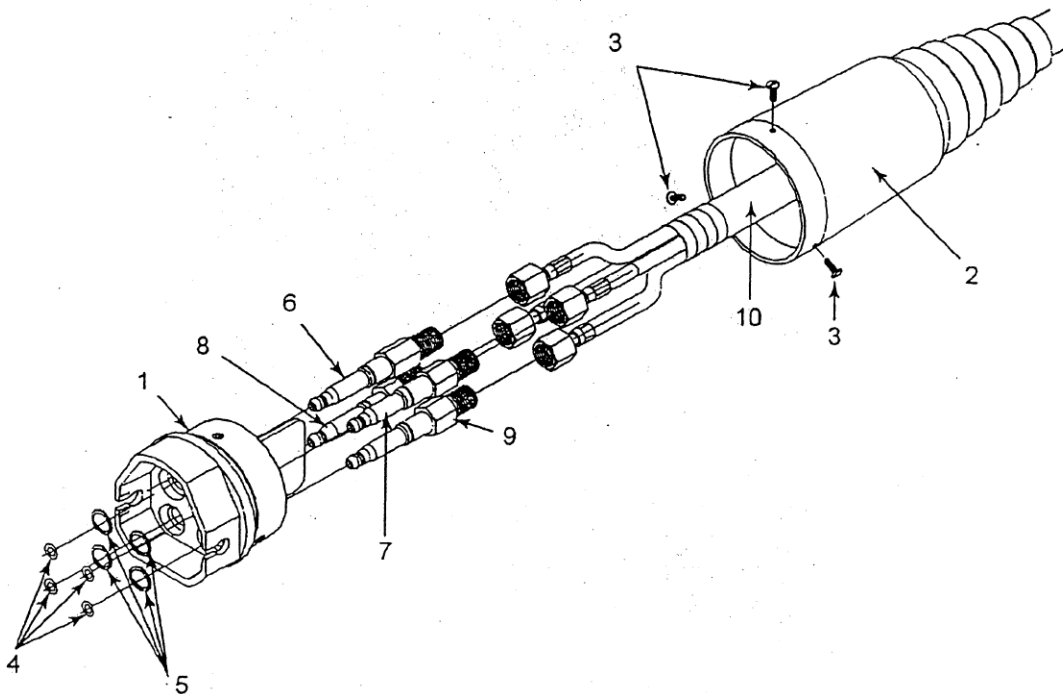
The 150PW replaces the complete Ultima 150.

Connect Plasma Gas and Shield gas supplies to gas fittings on the back of the 150PW. Two Gas hoses required. Part number MS1000.

Work lead is not supplied with the 150PW. Work lead connection is a 50mm Dinse receptacle.

If using the 14 Pin Black Amp receptacle on the Ultima 150 to interface to your fixture you will need a ADC001 adaptor. If connecting to the Ultima 150 terminal strip inside connect matching signals to the terminal strip located on the back of the 150PW. See 150PW Owners Manual for I/O signals.

Ultima 150 Torch includes a quick disconnect. To connect same torch to 150PW you must remove the quick disconnect assy. Remove items 1 through 9 from item 10 torch leads. The torch leads will then connect direct to the 150PW male torch connections.



300PW and 150PW Torch connections.

Thermal Arc Torch connections are standard Oxygen Right Hand B nut female (9/16"-18 Thread). Match each Hose color with color marked on Torch terminal connection board.

