



DAISHIN INDUSTRIAL (U.S.A.) CO., INC.

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DE-2500 GAS SAVER

DESCRIPTION

Daishin Industrial DE-2500 Gas Saver with Valveless Torch

PURPOSE

Current Issues with manual torch brazing:

1. Pressure fluctuations in gas supply lines change the heat content of brazing flames.
2. Continual torch valve adjustment during operation causes a drag in production.
3. Opening/Closing torch valves at the start and end of operation is time consuming and wastes fuel gases.

The DE-2500 will hold and maintain two set gas flow rate ratios. Since the flow of gas is controlled in the unit body, no torch valve adjustment is required. This allows the use of an ultra-lightweight valveless torch that weighs less than 1.0 lb.

Flow rate setup is done by dial on the front of the unit. Once dialed in, the flow rate will be maintained **DESPITE SUPPLY LINE PRESSURE FLUCTUATIONS**.

The torch is ignited by an automatic electric spark igniter on the top of the unit.

The system is fully-interlocked for safety. The control will decrease cycle time and save precious fuel gas, providing a reduction in cost.

The flow rates are displayed digitally on the front of the unit. Changeover between the two set flow rates is done by tapping a foot switch.

**THIS UNIT IS A MUST-HAVE FOR
A REPEATABLE MANUAL BRAZING PROCESS!**

