

# Asahi/America Welding Equipment Guide

## Industrial & High Purity Welding Equipment



*Effective 8/01/01  
Subject to Change Without Notice*

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# Contents

## Butt Fusion Shop Welders

Miniplast - Shop 4  
W2500: Shop 12 Manual  
W4002: Hydraulic Bench 12

## Electrofusion Tools

HPF: Portable Beadless Fusion  
The Polymatic

## Hydraulic Trench Machines

CNC 3.0 Automated Welder  
W4400: Trench 6  
W4900: Trench 12  
W5100: Trench 18  
W5500: Trench 20  
W6100: Trench 24

## I/R High Purity Welders

SP110: Fully Automated Welding IR Fusion  
SP250: Fully Automated Welding IR Fusion  
UF2000/1: Semiautomated IR Fusion  
UF2000/2: Semiautomated IR Fusion

## Socket Fusion Tools

Hand Held Socket 2  
W3500: Bench Socket 4

## The Polymatic and The Polymatic Plus Electrofusion Welding Equipment

The Polymatic is suitable for all electrofusion fittings up to 48 volts. All parameters are set using a bar code input device. Automated control of all welding parameters insures safe and reliable fusion. The entire tool features a tough thermoplastic housing which resists damage due to moisture.



The Polymatic welds both HDPE and Polypropylene.

### **The Polymatic**

Part number: 5830000

List Price \$5825.00

Rental Part number: 9830000

### **The Polymatic Plus**

Part number: 5831000

List Price \$8300.00

Computer storage of 1400 welds  
Ability to print weld via separate printer

purchase only

### **Both tools include:**

Base equipment  
110 volt power supply  
Bar code reader.

### **Accessories**

#### **Fitting Clamps**



- 20-63mm (1/2"-2") clamp

- 63-160mm (2"-6") clamp

Adjustable for straight, 90  
and 45 configuration

#### **Peeler**



- 20-110mm 1/2" - 4"

- 110-500mm 4" - 20"

## HPF: Portable Beadless Fusion

### HPF Electrofusion Fusion Process

**Sizes: 1/2" - 2" (20-63mm)**

**Material: PVDF**



#### Complete unit includes:

1/2" - 2" wide clamps, 3 per size  
2" (63mm) narrow clamps  
Inserts 1/2" - 1 1/2" (20-50mm)  
7 foot leads  
Computer transformer  
bar code reader

Rental Part number: 9786000

Rental does not include balloons

Balloons			Sockets	
Size	P/N	List	P/N	List
1/2"	5788005	\$ 129.00	5479005	\$ 24.40
3/4"	5788007	\$ 129.00	5470007	\$ 29.20
1"	5788010	\$ 132.00	5479010	\$ 30.70
1 1/4"	5788012	\$ 136.00	5479012	\$ 34.70
1 1/2"	5788015	\$ 142.00	5479015	\$ 39.10
2"	5788020	\$ 151.00	5479020	\$ 46.30