



**PIE DIFFUSION**  
 4 Rue des Maraîchers, ZAC des Communes  
 78260 ACHERES  
 Tél : 01.39.11.61.62, Fax : 01.39.11.72.00  
 E-mail : [Piedif@aol.com](mailto:Piedif@aol.com)  
[www.piediffusion.com](http://www.piediffusion.com)

## MINI VAGUE POUR SOUDAGE-DESSOUDAGE

Microprocessor based, digital controller regulates:  
 solder temperature, wave height, solder flow  
 duration, and "blow-thru" duration (GW-10A)



Mini-wave [Photo](#)    Blow-off [Photo](#)  
 GW - 10 Nozzles [Photo](#)    Board Fixture [Photo](#)

*GW-10-HT Model: for RoHS compliant soldering*

### Specifications:

<b>Power</b>	120 VAC, 60 Hz, 15 A optional 220 VAC, 50/60 Hz, 8 A
<b>Max solder temp</b>	300°C, (Model GW-10-HT: 350°C)
<b>Solder capacity</b>	50 lbs (23Kg)
<b>Compressed Air (GW-10A only)</b>	60 PSI (4 bar)
<b>Dimensions</b>	16"x26"x17" (406x660x432 mm)
<b>Warm-up time</b>	Approx. 30-45 min
<b>Weight</b>	30 lbs empty (13.5Kg), 80 lbs (36 Kg) with solder
<b>GW-10</b>	Solder Fountain
<b>GW-10-HT</b>	High Temperature, Lead Free option for GW-10/10A
<b>GW-10A</b>	Solder Fountain with blow-thru air nozzle

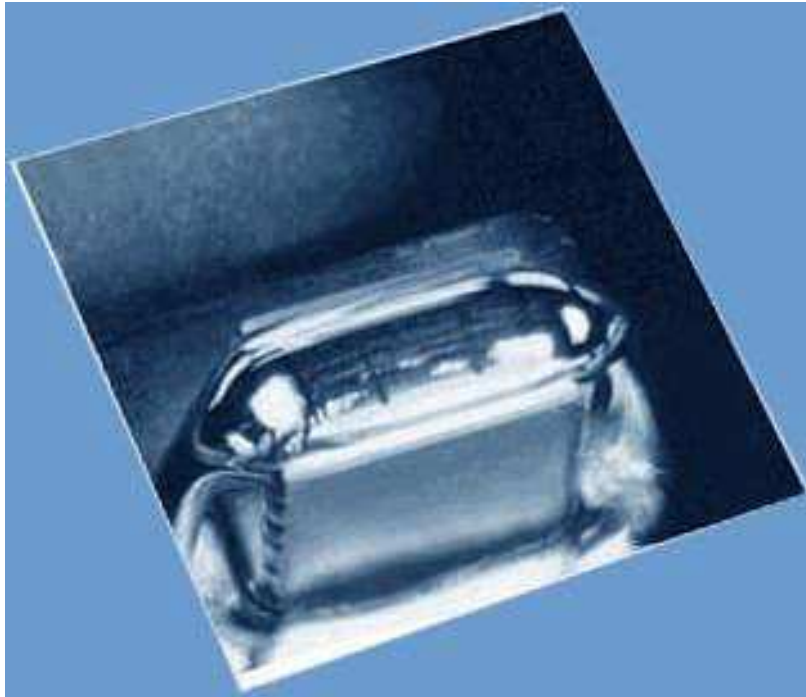
Device Type	Available Wave Nozzle Sizes	Wave Nozzle #	Air Nozzle #
14-20 pin DIP	1.00 x 0.50 in. (25 x 13 mm)	WN-10	AN-10
24-28 pin DIP	1.50 x 0.75 in. (38 x 19 mm)	WN-20	AN-20
30-48 pin DIP	2.50 x 0.75 in. (64 x 19 mm)	WN-30	AN-30
PGA	1.00 x 1.00 in. (25 x 25 mm)	WN-40	AN-40
PGA	1.50 x 1.50 in. (38 x 38 mm)	WN-50	AN-50
PGA	2.00 x 2.00 in. (50 x 50 mm)	WN-60	AN-60
Flat connectors	2.75 x 0.35 in. (70 x 9 mm)	WN-70	AN-70
Large connectors	4.00 x 0.75 in. (102 x 19 mm)	WN-80	AN-80
Custom available	(5 in sq. max., e.g. 1.25" x 4")	-	-

## GW - 10 Nozzles



*Various standard as well as custom nozzles available*

## Mini-wave



*Solder Wave for 14-16 pin IC shown*

A large selection of nozzles for all component sizes is available:  
Flat connectors, 14-20 pin DIP, 24-28 pin DIP, 30-48 pin DIP,  
Large connectors, and PGAs.

## X, Y and Z Universal Board Fixture Option for Mini-wave



*GW-10 UBF*