

**GENERAL PUMP** *A member of the Interpump Group*

# YG1317S

High Volume Low Pressure Washdown Gun

**FEATURES**

- Variable nozzle, trigger controlled
- Adjustable fixed spray pattern from 0° - 60°
- Rubber bumpers protect work from damage
- Durable impact resistant molded handle
- Built-in inlet swivel



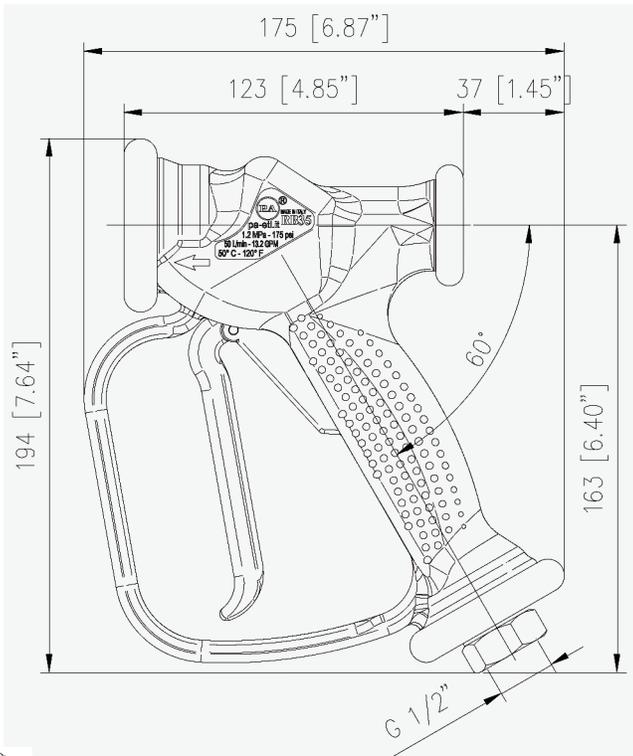
**SPECIFICATIONS**

<b>Model</b>	<b>YG1317S</b>
Max Pressure	175 PSI
Max Flow	13.2 GPM
Max Temperature	120° F
Inlet Port	1/2" BSP-F
Nozzle	Variable 0°- 60°, Built-in
Inlet Swivel	Yes
Weight	15.5 oz
Dimensions	7.64" x 6.87"
Materials	Brass, Viton, Plastic

**APPLICATIONS**

- Washdown Applications in:**
- Food Processing Facilities
  - Beverage and Brewing Plants
  - Agriculture and Dairy
  - Kitchen and Factories
  - Fire Suppression

**DIMENSIONS**



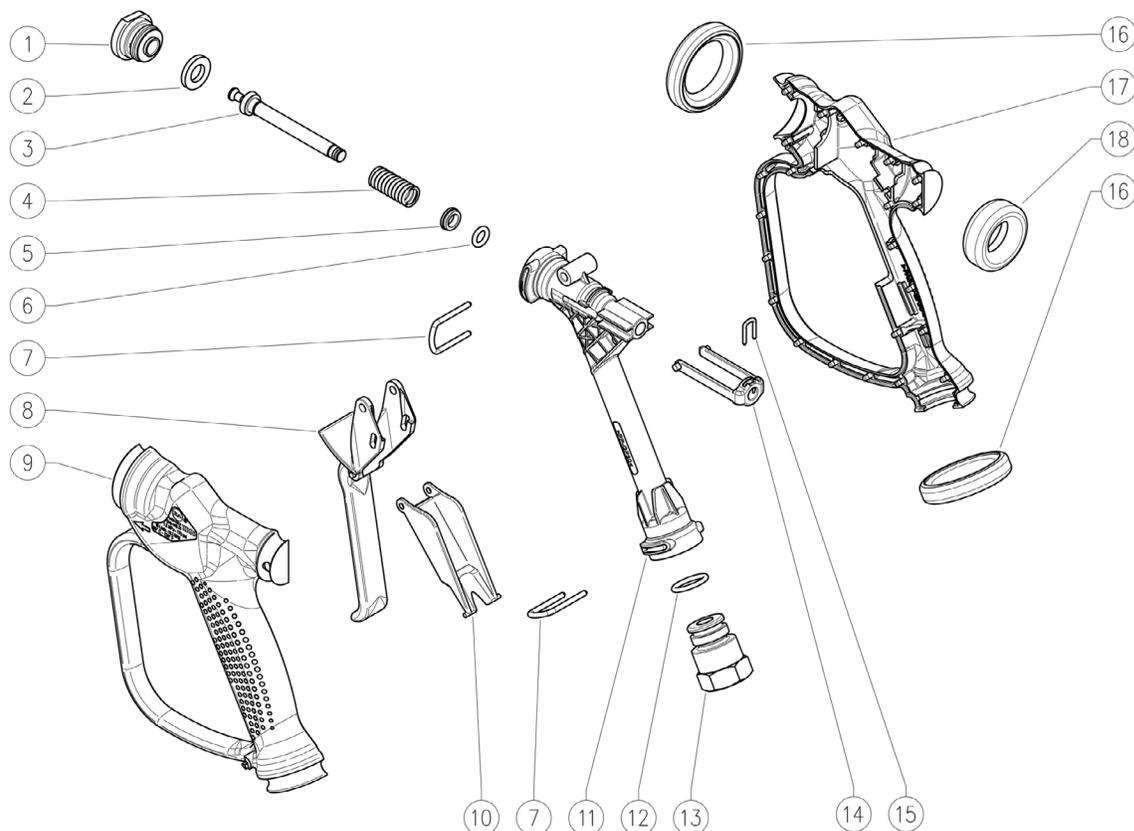
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Ref 310164 Rev. B  
09-22



## PARTS LIST



No.	Part No.	Description	Qty.
1	Y30620584	Brass Seat	1
2	Y30640885	Front Seat, 11 x 20.5 x 3 mm	1
3	Y30621131	Piston, Brass	1
4	Y30641051	Spring, 1.8 x 12.8 x 40 mm, SST	1
5	Y30620931	Piston Ring, Brass	1
6	Y10317010	O-ring, 2.62 x 7.6 mm, Vi 70	1
7	Y30620651	U-bolt, SST	1
8	Y30621284	Trigger, Blue	1
9	Y30621924	Housing Kit	1

No.	Part No.	Description	Qty.
10	Y30621384	Lid	1
11	Y30620884	Housing	1
12	Y10318153	O-ring, 2.62 x 17.2	1
13	Y30621431	Coupler, 1/4 BSP-F	1
14	Y30621084	Connecting Rod	1
15	Y12005027	U-Bolt, SST	1
16	Y30620385	Front Guard Ring	2
18	Y30620485	Back Guard Ring	1

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## INSTRUCTIONS

This product is to be used with clean, fresh water. For use involving different or corrosive liquids, contact your GP customer service department. Appropriate filtration should be installed when using unclean liquids. Choose the gun that most closely matches the rated pressure, max flow and max temperature of the pressure wash system. In any case, the pressure of the machine should not exceed the permissible pressure rate imprinted on the gun.

## INSTALLATION

This gun was designed to operate with hot water (in compliance with the technical specs), making sure not to exceed the max temperature. Always fit a safety valve to protect the system when the latter is under pressure. Choose a suitable nozzle and adjust the valve mounted in the front of the gun, thus obtaining a constant supply and avoiding unwanted pressure spikes. If the nozzle wears out, the pressure falls. When you install a new nozzle, adjust the system back to the original pressure.

## OPERATION

The gun opens and closes a high pressure conduct by means of a piston acting on a seat; the return is controlled by a spring which releases the trigger. Attention: during pump activation ALWAYS set the gun with its safety latch connected in order to prevent accidental openings.

## TROUBLESHOOTING

PROBLEM	PROBABLE CAUSES	SOLUTION
Leakage from the nozzle	Presence of impurities Gun seat worn out	Clean Replace seat Fit adequate filters and/or check
Leaking Seals	Seals worn out	Replace seals
Difficult trigger opening	High pressure inside circuit	Control the bypass valve and adjust if necessary

## MAINTENANCE

Maintenance must be carried out by **Specialized Technicians** only.

STANDARD: every 400 working hours (10,000 cycles), check and lubricate the seals with water resistant grease.

SPECIAL: every 800 working hours (20,000 cycles), check the wear of the seals and internal parts and, if necessary, replace with original parts only, taking care to lubricate with water resistant grease.

CAUTION: re-assemble the gun restoring the original conditions.

GP/manufacture are not to be considered responsible for damage as a result of incorrect fitting and maintenance.

**WARNING: High Pressure Systems require a primary pressure regulating device (i.e. regulator, unloader) and a secondary pressure relief device (i.e. pop-off valve, relief valve). Failure to install such relief devices properly could result in personal injury or damage to pump or property. GP does not assume any liability or responsibility for the operation of the user's high pressure system.**