

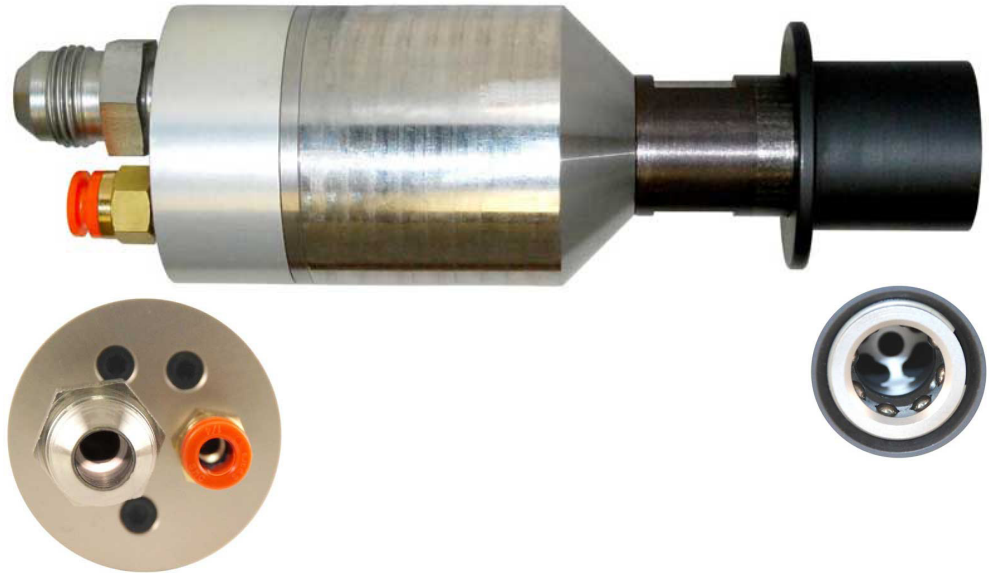
STERLING

PCU

Series 10 Pressure Bleed Coupler

FEATURES

- Minimal connection force
- Manual operation, upon connection to fitting
- Air operated poppet valve
- Lightweight



The series 10 coupler is the interface adapter for pressure bleed recovery. When a system is under pressure with helium or another gas, manually clamp the series 10 coupler onto the fitting, and start cycle. System controls will automatically apply air pressure to discharge system. When cycle is complete, the operator will remove BalLoc coupler by pulling on sleeve to release BalLoc Clamping.

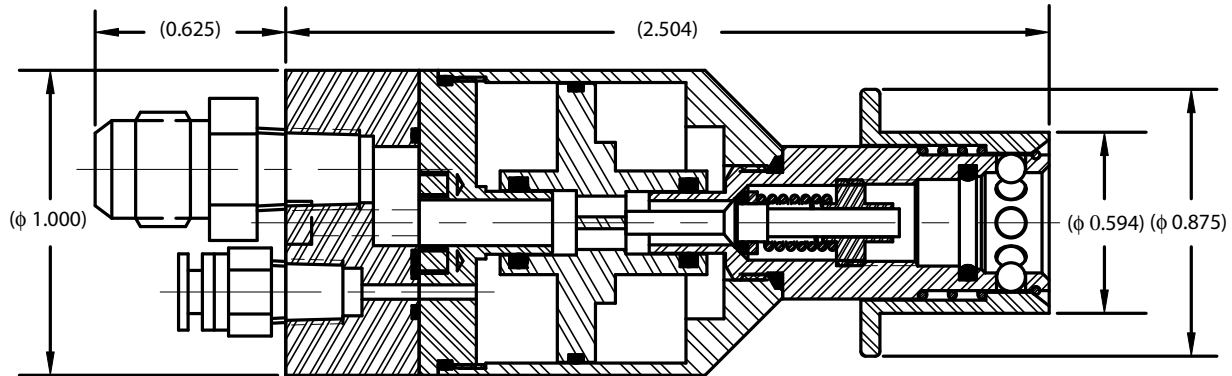
The manual clamping mechanism used is the time proven BalLoc method. The eight hardened steel balls which are constrained in the charge

gate body are secured onto the ball groove taper on the process fitting by the locking sleeve. Securing the balls on the taper assures positive force on the nose seal.

The Series 10 is designed to operate with helium tracer gas Systems. Tools with automatic clamping are available. Please contact PCU Engineering for further information.

Save money with the PCU Series 10 Charging Tool. Contact our Order Department at (1-937-299-5594) with your application and equipment specifications.

Series 10 Pressure Bleed Coupler



* For other configurations and multiple poppet valves, please contact PCU Engineering for dimensions and availability.

Series 10	Stem	PCU P/N	Coupler Kit
Model 250	Standard	102100	462-102100
Model 252	Standard	102358	462-102358
Model 253	Standard	102140	462-102140
Model 250	0.150" Extended	102362	462-102362

* Contact PCU Engineering for custom series 10 to meet your application.

TECHNICAL SPECIFICATIONS:

Weight 1.9 lbs (0.86 kg)
 Vacuum range 0-760 TORR (0-760 mmHg)
 Maximum Bleed Pressure @ 70 PSI
 Discharge port 1/2" JIC flare
 Manual BalLoc Coupler. See chart for coupler P/N
 Air supply pressure 70 PSIG (4.9 kg/cm²)

Air port fittings . . . 1/4" dia. one touch connectors
 Coupler flow capacity 0.94Cv (Series 250)
 Process fitting nose seal O-Ring
 Process fitting clamp system PCU BalLoc



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