



Harris Products Group
Since 1905

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HARRIS HIGH PURITY REGULATORS



**Grade 5
99.999%
Purity**

HP702 Grade 5 High Purity two stage cylinder regulator for laboratory use. Suitable for Non Corrosive gases and Grade 5 (99.999% purity). Purging, Pressure testing, Blanketing & Gas Chromatography. Multi Stage assures constant delivery pressure.

Model HP702 & HP703 Specifications:

Body	Chrome Plated Brass (1/4"NPTF Body Ports)
Diaphragms	54mm dia. 302 Stainless Steel
Nozzles	One piece Encapsulated Brass
Seat & Seals	PTFE Teflon
Filter	Nickel Plated 10 micron
Safety Relief Valve	External, 1/4" NPT M if venting is reqd.
Gauges	50mm dia. Chrome plated, dual scale.
Helium Leak Rate	1 x 10 ⁻⁸ cc/sec inboard maintains gas purity levels

Models Available:

HP702015000D	Multi Stage Chrome Plated cylinder Reg, Grade 5, 99.999% Purity, 0-15psi, (0-105kpa)
HP70205000D	Multi Stage Chrome Plated cylinder Reg, Grade 5, 99.999% Purity, 0-50psi, (0-350kpa)
HP702125000D	Multi Stage Chrome Plated cylinder Reg, Grade 5, 99.999% Purity, 0-125psi, (0-875kpa)
HP702250000D	Multi Stage Chrome Plated cylinder Reg, Grade 5, 99.999% Purity, 0-250psi, (0-1,750kpa)

Advise on inlet (Cylinder connection) required: (other gases available on request)

Code	Description / Gas Chrome Plated, 1/4" NPT M.
C66592EO	Type 10 Oxygen/Argon/Helium Nut
C66592EA	Type 20 Acetylene/Hydrogen/Methane Nut
C66592C510	Type 21 Propane Nut
CA472RO	Type 10/20/21 Stem
CBNA472RO	Type 10/20/21 Stem, NO "O" Ring Groove so no Neoprene contamination (Difficult to achieve seal)
C66592MO	Type 30 CO2 Nut
CD47IN2	Type 30 CO2, Stem
C4076263	Type 30 Seal Retaining Screw
C6659-AS50	Type 50 Nitrogen Nut
CD47-AS50	Type 50 Nitrogen Stem
C6659-AS60	Type 60 Air Nut
CD47-AS60	Type 60 AIR Stem
9107063	Valve, Diaphragm valve, Chrome plated, 1/4" NPT in/out, All non corrosive.



Model HP703 Pipeline Regulator (1/4"NPTF Body Ports):
 Suitable for Non Corrosive gases and Grade 5 (99.999% purity). Purging, Pressure testing, Blanketing & Gas Chromatography. Maximum Pipeline inlet pressure 2,000psi (140Bar).



Models Available:

HP703015000D	Pipeline Reg. Chrome Plated, Grade 5 99.999% Purity, 0-15psi, (0-105kpa)
HP703050000D	Pipeline Reg. Chrome Plated, Grade 5, 99.999% Purity, 0-50psi, (0-350kpa)
HP703125000D	Pipeline Reg. Chrome Plated, Grade 5, 99.999% Purity, 0-125psi, (0-875kpa)

Mounting Kit:

(can be configured for multiple mounting options)

HPWASS	High Purity wall mounting assembly for Pipeline Reg.
HPWASSDV	High Purity wall mounting assembly for Pipeline Reg., with Diaphragm Valve

Grade 6 High Purity. 99.9999% Purity.

Full stainless steel Regulators are available. These are also suitable for Corrosive Gases.

Refer models HP742 & HP743.

Stainless Steel Cylinder Multi Stage and Pipeline Regulators for constant delivery pressure from full to nearly empty cylinder conditions;

- Corrosive gas applications
- High purity gas applications
- Research sample systems gases
- Process analyser gases
- Gas chromatography
- EPA protocol gases
- Laser gas systems
- Emission monitoring systems
- Recommended for Corrosive gases and purity levels of Grade 6 (99.9999%) and higher.

Buy locally for the best service & support.

**Harris Products Group
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