



**801**

## Model 801 Regulator

This conventional gauge regulator is designed to control pressure and flow. Typical **Harris** design permits a small, compact, rugged regulator with unusually high flow and the following

- Features Include-      Wt. 1.3kg**
- ▶ Tough - solid metal body & bonnet
  - ▶ Monel filter
  - ▶ Built-in burst relief
  - ▶ Clear colour coding
  - ▶ Large, easy to read gauges, with safety seal
  - ▶ Conforms to AS 4267
  - ▶ Rated to 240 Bar

- 801E150AC21**      Acetylene 150K Vertical Inlet
- 801E10000X13**      Oxygen 1000K Vertical Inlet
- 80110000X13**      Oxygen 1000K Side Inlet
- 801Z005**      Propane 350K Side Inlet (one gauge)



**801E30L**

## Flow Control Regulator

- 801E30L\***      Argon 30LPM Flowgauge Vertical Inlet
- 80130LKCD271**      CO2 30LPM Flowgauge Side Inlet
- 80130LKAR211**      Argon 30LPM Flowgauge Side Inlet

- Features include-      Wt. 1.3kg**
- ▶ Easy to read gauge in kPa
  - ▶ Inlet filter to trap impurities
  - ▶ Accurate
  - ▶ Fitted with internal self reseating safety relief valve\*
  - ▶ Forged brass body for maximum strength
  - ▶ Smooth, steady adjustment
  - ▶ Reliable
  - ▶ **Harris** seat for enhancing accuracy



821DB1

## Model 821DB

Ideal for MIG or TIG applications where different flowrates are required from the one device. This design provides accurate regulation to both flowmeters.

**Features include -**

- ▶ Proven high pressure seat
- ▶ Tamper proof, self reseating safety relief valve
- ▶ Precise flow regulation
- ▶ Large, easy to read gauge in kPa
- ▶ Quality, accurate measurement
- ▶ Precise needle valves for accurate adjustment

821DB1 CO2, regulator + 2 flowmeters

821DB2 Argon, regulator + 2 flowmeters



81130LH

## Model 811



A heater and flow regulator in one neat unit. **Both** items manufactured by Harris to ensure long life.

**Features include -**

- ▶ Proven high pressure seat
- ▶ Tamper proof, self reseating safety relief valve
- ▶ Large, easy to read gauges
- ▶ Conforms to EN 562
- ▶ Assures high safety levels, long life

81130LH CO2, flow regulator with heater

811800KH CO2, pressure regulator with heater



811800KH

## Electrical Heating Section

**Features include -**

- ▶ CE marked
- ▶ Two independent heating elements controlled by thermostat
- ▶ Stabilized temperature up to 30 LPM
- ▶ Overheating protection with reseatable thermal fuse
- ▶ Insulation IP 64 (EN 60529)
- ▶ Voltage: 240
- ▶ 3 meters long power cable



**601R30L**

## Flow Control Regulator

The 601 is designed for the home handyman user. Adjustment is 0-30 Lpm and value for money is a key factor.

**Features include-      Wt. 0.8kg**

- ▶ Brass body & Bonnet
- ▶ Metal Case Gauges
- ▶ Harris manufactured to ISO 9002
- ▶ Special threads/sealing to reduce risk of leaks
- ▶ Fits E or D cylinders

## Single Stage, Preset Flow Regulators

Specifically engineered to perform reducing task prior to fitting of flowmeter. Includes safety relief valve to protect flowmeter.

- 801Z017** Argon, Pre-set, Side Inlet
- 801Z018** CO<sub>2</sub>, Pre-set, Side Inlet
- 801Z019** Argon, Pre-set, Vert Inlet

- 86630L** Flowmeter 0-30 lpm
- 86615L** Flowmeter 0-15 lpm



**801**

## Flowmeter

Evolved from our medical range into an industrial configuration, it's degree of accuracy and quality will bring enhanced measurement to any application.

**Features include-      Wt. 0.4kg**

- ▶ Easy to read
- ▶ Virtually unbreakable outer tube
- ▶ UV Stabilize plastics
- ▶ Needle valve for smooth adjustments
- ▶ Inlet/outlet 5/8"
- ▶ Fits 801Z017, 801Z018 & 801Z019 or pipelines

## Model 818 Pressure Regulators

This Regulator is identical to the 801 but without gauges. Cylinder pressure is shown on the indicator. Delivery pressure is set by turning knob on the calibrated (engraved) bonnet. Ideal for working in tough conditions. Fits onto side or vertical outlet cylinders. **Wt. 1.2kg**

- 818Z001** Acetylene 150Kpa Vert. Inlet
- 818Z002** Propane 350Kpa Side Inlet
- 818Z003** Oxygen 800Kpa Vert. Inlet



**86630L**



**818**



825



## Model 825

With this Regulator you get extra strength, safety and large flows with excellent regulating characteristics, combined with the latest in design, safety and quality.

**Features Include- Wt. 1.8kg**

- ▶ Rugged all metal construction
- ▶ Monel filter to improve life; easily changed
- ▶ Accurate - full cylinder pressure is controlled by the large 70mm diaphragm
- ▶ Large flows
- ▶ Safe, modern, proven seat design
- ▶ Large, easy to read colour coded gauges with safety seals
- ▶ Complies to AS 4267
- ▶ Built in burst relief
- ▶ Unique extra safety of the Snap Safe valve, built into inlet stem, protects if a cylinder falls over. Applies to regs with an SS in description



825EX1500X3



825ET800X23

**825EX150AC33** Acetylene 150K SS Vert. Inlet  
**825Z016** Oxygen 400 K SS Vert. Inlet  
**825EX1000X3** Oxygen 1000K SS Vert. Inlet  
**825X1000X33** Oxygen 1000K SS Side Inlet

**825Z005** Propane 400 K SS Vert.Inlet

**825EX1500X3** Oxygen 1500K SS Vert.Inlet  
**825X1500X33** Oxygen 1500K SS Side Inlet

**825EX1000NIT** Nitrogen 1000K SS Vert.Inlet  
**825EX1500NIT** Nitrogen 1500K SS Vert.Inlet  
**825X1500NIT** Nitrogen 1500K SS Side Inlet

**825EX1000ARG** Argon 1000K SS Vert. Inlet

**825EA1000HE** Helium 1000K Vert. Inlet  
**825EA1000H30** Hydrogen 1000K Vert. Inlet

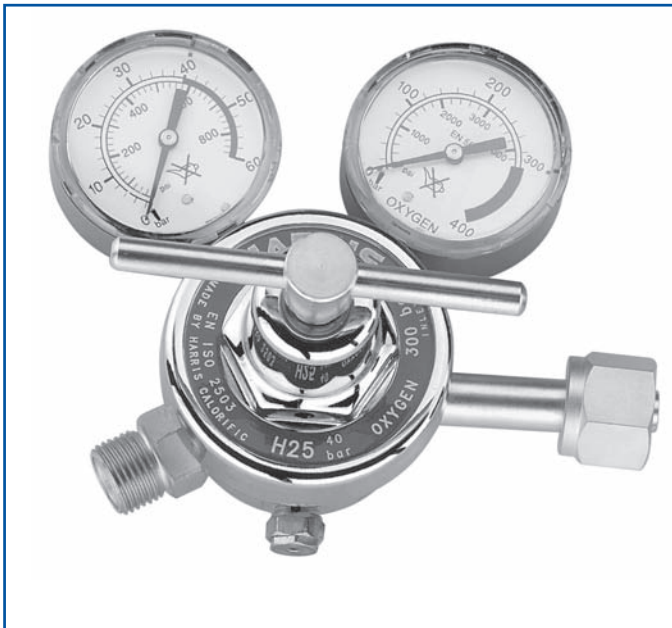
**8251000CD206** CO2 1000K Side Inlet

**825Z003** Nitrogen 4000K Vert Inlet  
**825Z066** HP 1000K Vertical Inlet

**825ET800OX23** Oxygen 800K Sav 'T' Lock V.I.  
**825ET800AR47** Argon 800K Sav 'T' Lock V.I.  
**825ET800N473** Nitrogen 800K Sav 'T' Lock V.I.

**825ETX400NII** \*Nitrogen 400K Sav 'T' Lock V.I.

**825DT400CDII** \*CO2 400K Sav 'T' Lock  
 \*Internal self reseating safety relief valve



**H2540B**



**H4740B**

## Model H25

In some applications there is a requirement for high flow, high pressure and high purity. This cylinder regulator offers unparalleled features at exceptional value for money. It suits applications, which are specifically designed for high flow requirements for feeding industrial gas pipelines for plasma, and laser cutting systems.

### Features include -

- ▶ Conforms to EN ISO 2503
- ▶ Capsule valve, Stainless Steel filter
- ▶ Stainless Steel diaphragm
- ▶ Maximum inlet 300 bar
- ▶ Outlet pressure 10, 15, 25 and 40 bar
- ▶ Heavy duty body machined from bar stock
- ▶ Large G. 1/2" or G. 3/8" outlet connection
- ▶ Side and vertical inlet connection
- ▶ External safety relief valve
- ▶ Flow over 700 m<sup>3</sup>/h (maximum)

**H2510B** 10 bar 1000 kpa side inlet

**H2515B** 15 bar 1500 kpa side inlet

**H2525B** 25 bar 2500 kpa side inlet

**H2540B** 40 bar 4000 kpa side inlet

Note: Specify gas when ordering, vertical inlet models are available on request.

## Model H47

This high flow regulator is designed for installation in a pipeline. The high flow and high purity levels are ideal for laser and plasma applications, and many other applications.

### Features include -

- ▶ Maximum inlet of 60 bar/6000kpa
- ▶ Outlet pressure 10, 15, 25 and 40 bar
- ▶ Rear inlet connections
- ▶ Flow over 370 m<sup>3</sup>/h (maximum)
- ▶ Other features same as series H25

**H4710B** 10 bar 1000 kpa rear inlet

**H4715B** 15 bar 1500 kpa rear inlet

**H4725B** 25 bar 2500 kpa rear inlet

**H4740B** 40 bar 4000 kpa rear inlet



825



## Model 825 Sav 'T'Lock

This unique Cylinder Regulator is part of the **Sav 'T'Lock** range, and as such has many **features and benefits** which are significant for the end user, e.g.

**Features Include- Wt. 1.8kg**

- ▶ Large diaphragm
- ▶ Large easy to read gauges
- ▶ Precise control of Gas used
- ▶ Set 'N' Forget
- ▶ Key lockable
- ▶ Reduces the amount of surging
- ▶ Based on the Model 25
- ▶ Complies to AS4267



**825ET30LAR21** Argon 0-30LPM Bottom Inlet

**825T30LAR211** Argon 0-30LPM Side Inlet

**825T30LCD111** CO2 0-30LPM Side Inlet

**NOTE:** Sold without keys; Keys are under *Accessories*, Part No. A825ES Page 41



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## Model 847 Sav 'T'Lock Pipeline

An extension of the **Sav 'T'Lock** range - designed to operate in a pipeline application.

**Features Include- Wt. 1.5kg**

- ▶ Suitable for low pressure inlet (range 400-2500kPa)
- ▶ Outlet at 6 o'clock
- ▶ Large diaphragm
- ▶ Large easy to read gauges
- ▶ Control over amount of gas used
- ▶ Key lockable
- ▶ Reduces the amount of surging
- ▶ Burst relief built-in
- ▶ Easily handles pressure fluctuations
- ▶ Maintain constant work procedures

**847T30LAR237** Argon/CO2/Mixtures 0-30LPM

**NOTE:** Sold without keys; Keys are under *Accessories*, Part No. A825ES Page 41