

GAS CONTROLS FOR DISPOSABLE CYLINDERS

Series 3970 –Regulator for Non-Corrosive Gases

DESCRIPTION

These compact regulators are designed to provide a constant fixed flow rate of non-corrosive gases and mixtures from disposable cylinders fitted with a CGA 600 outlet connection. They provide both pressure and flow control. When regulator is supplied without 1/4" flow control hose barb the 3970 is an adjustable pressure regulator.

FEATURES

- Adjustable delivery pressure.
- Integral needle valve for shut-off and to control flow.
- Integral CGA 600 connection provides compactness and minimal loss of gas during installation and removal.
- 0-300 psig inlet pressure gauge to monitor cylinder pressure.

SPECIFICATIONS

Inlet pressure: 300 psig max.

Operating temperature: 0° to 160°F

Inlet connection: CGA 600

Outlet connection: 1/4" NPT female or
1/4" hose barb with flow control orifice

Cylinder pressure gauge: 0-300 psig

Cv = 0.04

MATERIALS OF CONSTRUCTION

Body: aluminum

Diaphragm: neoprene

Seat: neoprene

CGA gasket: composite cork

Gauge: stainless steel case, brass connection



HOW TO ORDER

Model No.	Del. Press. Range psig	Outlet
3970	0-60	1/4" NPT female
3970HB	0-60	1/4" hose barb with flow control orifice