

# Lecture Bottle Control Valves

## Model 30

Scott™ brand Model 30 control valves are specially designed for use with lecture bottles to provide flow control but not pressure regulation. Brass body models are designed for noncorrosive gas service and are available with either CGA 110, 170 or 180 inlet connections. Type 316 Stainless Steel bodies are designed for corrosive gas service and are available with either CGA 110 or 180 connections.

Note: Although designed for direct connection to lecture bottles, these valves do not control pressure. They only control flow. If pressure control is required, USE A PRESSURE REGULATOR.



### Specifications

**Operating Pressure:**

3000 psig (207 bar) maximum

**Operating Temperature Range:**

Brass: -65°F to 400°F (-54°C to 204°C)

Stainless Steel: -20°F to 350°F (-29°C to 177°C)

**Inlet Connection:** See table

**Outlet Connection:** 1/4" compression

**Flow Coefficient:** Cv= 0.43

**Weight:** 0.5 lbs. (0.2 kg)

### Materials of Construction

**Body:** Brass or 316 Stainless Steel

**Valve Needle and Stem:** 316 Stainless Steel

**Packing:** PTFE

Model Number	Inlet Connection
<b>Brass</b>	
Q1-30B-110	CGA 110
Q1-30B-170	CGA 170
Q1-30B-180	CGA 180
<b>Stainless Steel</b>	
Q1-30S-110	CGA 110
Q1-30S-180	CGA 180