

QTVC Pressure Controller

Precision Control Over
Compressed Gas



Solid, Stable, Manual Pressure Control

The **QTVC Pressure Controller** is a portable, easy to operate device that gives you exceptional control over a compressed gas source. It's great for bench use and can be mounted in a control panel or truck console for fast, accurate field work.



Dial It In

Proprietary pressure-balanced fine adjustment piston allows for extremely precise, finger-tip control of pressure from 0.03 psi (2 mbar) to 3,000 psi (210 bar).

Step It Up

Perform both ultra-precise low-pressure differential or high-pressure static pressure calibrations with the same device using an external compressed gas source.



Mix and Match

Standard Quick-test ports allow you to switch between pressure connections on DUTs without the hassle of using a wrench and thread tape.

Clear Controls and Functionality

Fill and Vent Valves

Allow you to pressurize or depressurize incrementally

Quick-test Fittings

Let you switch between pressure connections on devices under test without a wrench

Convenient Handle

Makes it easy to transport anywhere

Balancing Valve

Equalizes pressure on both sides of the piston

Large Pressure-Balanced Piston

Lets you fine tune pressure precisely



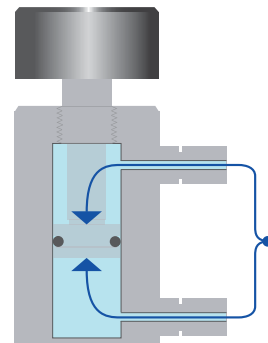
Complete Calibration Kits

Kits include FieldLab calibrator or LC20 pressure reference for a range of calibration and data logging applications.



A Closer Look

The QTVC Pressure Controller's large, proprietary **pressure-balanced piston** has equal force on the top and bottom of the piston, significantly reducing the amount of effort needed to make adjustments. This gives you very precise control of pressure — even at very low pressures.



All ports and included hoses feature the **Ralston Quick-test™ System** of fittings, hoses, and adapters that help you create secure, leak-free connections without the need for tools or tape. Visit our website to learn more about the **Ralston Quick-Test™ System**.

Scan to Learn More



QTVC Pressure Controller Specifications

QTVC Pressure Controller	
Max Pressure	3000 psi / 200 bar / 20 MPa
Max Vacuum	10 InHg / 33.9 kPa
Max Operating Temperature	130 °F / 54 °C
Weight	3.70 lbs / 1.68 kg
Fine Adjust Resolution	0.0005 psi / 0.00 mbar / 0.00 kPa
Materials	Anodized Aluminum, Brass, Powder Coated Steel, Stainless Steel
Connections	Quick-test



Find out more about the Ralston Volume Controller: 

Ralston Instruments provides complete pressure calibration solutions for a wide range of applications, saving time and taking the guesswork out of critical pressure testing, maintenance and repair operations.



Gauges & Calibration
References



Hand Pumps



Compressed Gas
Pressure Controllers



High Pressure Hoses &
Quick-test Connections