

# PRESSURE CALIBRATION VOLUME CONTROLLER

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## Features:

- Calibrate pressure instruments to 3000 psi (210 bar) in the field or in the laboratory using nitrogen
- Balanced fine adjustment allows for extremely precise control of pressure even at high pressure
- Fine adjust piston, fill, balance and vent valves in one light weight, compact unit
- Includes handle, Quick-test System™ outlet ports, hoses and adapters
- Optional stand for laboratory or tabletop use

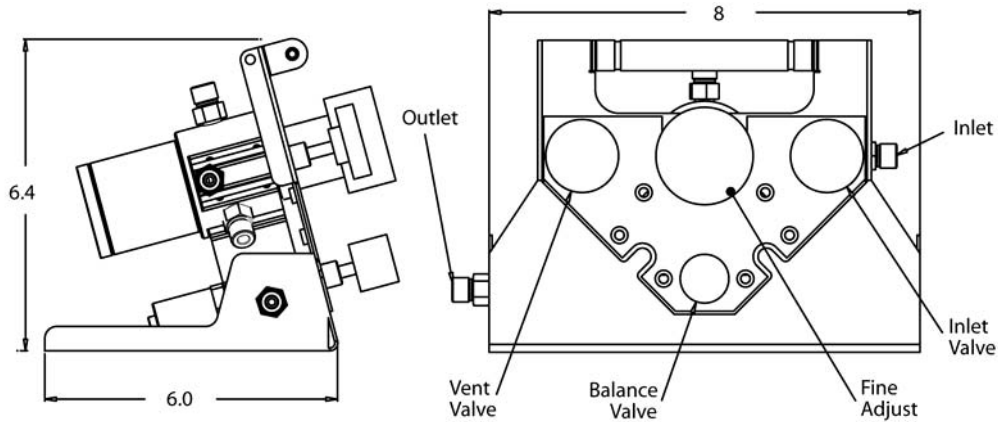
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**Ralston Instruments**

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# Pressure Calibration Volume Controller

## Specifications:



<b>Pressure Range:</b>	vacuum to 3000 psi (vacuum to 207 bar)
<b>Burst Pressure:</b>	12,000 psi (828 bar) minimum
<b>Pressure Resolution:</b>	+/- 0.0005 psi (+/- 0.034 mbar)
<b>Mechanical rotation:</b>	42 turns
<b>Verner Torque:</b>	Fingertip adjustment from 0-3000 psi (0 to 207 bar)
<b>Operating media:</b>	nitrogen, compressed air or any clean, dry non-corrosive gas
<b>Construction:</b>	Aluminum, 304 stainless steel, brass
<b>Seal Materials:</b>	Buna N, Teflon
<b>Operating Temperature Range:</b>	0° to 130°F (-18 to 56°C)
<b>Weight:</b>	3.7 lb (2.5 kg)
<b>Dimensions:</b>	5.6" x 6.8" x 6.5" (14.2 cm x 17.2 cm x 16.5 cm)
<b>Inlet Connection:</b>	(1) Male Quick-test
<b>Inlet Hose:</b>	20' Quick-test hose standard; other lengths optional
<b>Regulator Connection:</b>	1/4" Male NPT
<b>Outlet Connections:</b>	(3) Male Quick-test with cap and chain
<b>Outlet Hose:</b>	2' Quick-test hose standard; other lengths optional
<b>Process Connection (to device under test):</b>	1/4" Male NPT
<b>Pressure Reference Connection:</b>	1/4" Female NPT standard; 1/8" Male NPT or 1/4" Male NPT optional
<b>Field Use package includes:</b>	(1) carabiner, (1) shoulder strap
<b>Laboratory package includes:</b>	(1) mounting stand with non-skid base, (1) Quick-test bulkhead fitting, (1) tube and tube fitting to hard-pipe outlet bulkhead to volume controller
<b>Weight:</b>	1.8 lb (825 g)
<b>Dimensions:</b>	3.3" x 6.0" x 9.0" (8.4 cm x 15.2 cm x 22.9 cm)

All Specifications subject to change without notice.