



MADE IN THE USA

# PNEUMATIC SCISSOR HAND PUMPS

Quick, accurate calibration using pressure or vacuum



**DCAP**

Pressure up to 650 psi (4.5 MPa)



**DCAP-PV**

Pressure up to 650 psi (4.5 MPa)  
Vacuum up to 28.5 inHg (710 mmHg)

# FAST, ACCURATE FIELD CALIBRATION

Our DCAP and DCAP-PV pneumatic hand pumps let you generate low to medium pressure or vacuum with ease, so you can get in, get calibrating, and quickly get on to the next job.



## Pressure Calibration

Create reliable, stable pressure for smooth field calibrations without electricity or nitrogen.

## Field Testing

Build test pressure quickly with fewer pump strokes.



## Differential Pressure Testing

Perform repeatable, traceable differential pressure calibration tests for gas and custody transfer applications.

# SQUEEZE WITH EASE

The cylinders on both the DCAP and DCAP-PV Pneumatic Hand Pumps have a greater displacement than similar hand pumps, so test pressure is built quickly with fewer pump strokes. And when you need to pull a vacuum, you don't need any extra tools. The DCAP-PV converts between pressure and vacuum with a simple twist of a knob.

**Two outlet ports** for connecting both a reference gauge and a hose to the device under test

**Fine adjust piston** with bronze bearing allows smooth, precise adjustment of pressure

**Stainless steel fittings** prevent damage from corrosion, wear or hazardous substances

**Soft seated bleed valve** for easy venting of pressure

**Durable, no-slip metal handles** do not fatigue or come loose over time

**Large knob on the DCAP-PV** lets you switch between pressure and vacuum easily with no additional tools needed

**Unique design** generates vacuum from the squeeze stroke rather than the return stroke, so it's much easier to pump

**Anodized aluminum pump body** prevents pressure leaks

**Large cylinder with greater displacement** lets you build pressure quickly with fewer pump strokes



**All pneumatic hand pumps include our Quick-test adapters and hoses** for fast connections without a wench or tape

Additional accessories also available

**Replace your current hand pump or start with a complete test kit with reference.**





# TWO VERSATILE PUMP OPTIONS



|                            | DCAP Pneumatic Scissor Hand Pump          | DCAP-PV Pneumatic Pressure/Vacuum Hand Pump |
|----------------------------|-------------------------------------------|---------------------------------------------|
| Max Pressure               | 650 PSI / 45 bar / 4.50 MPa               | 650 PSI / 45 bar / 4.50 MPa                 |
| Max Vacuum                 | N/A                                       | 28.5 InHg / 96.5 kPa                        |
| Materials                  | Anodized Aluminum, Brass, Stainless Steel | Anodized Aluminum, Brass, Stainless Steel   |
| Connections                | Quick-test (x2)                           | Quick-test (x2)                             |
| Fine Adjustment Resolution | 0.001 psi / 7.9 Pa                        | 0.001 psi / 7.9 Pa                          |

Configure a kit or find out more about Ralston Pneumatic Scissor Hand Pumps here:



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.



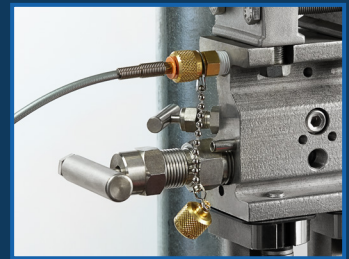
Gauges & Calibration References



Hand Pumps



Gas Controllers



High Pressure Hoses & Quick-Test Connections