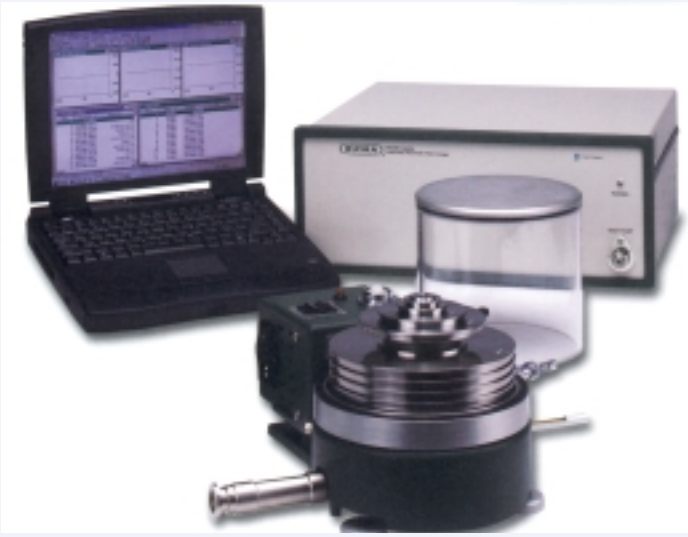
Ruska 2468
Pitot Static Primary Standard

BARFIELD

General Information

The Ruska model 2468 Pitot Static Primary Standard is specifically designed for calibrating today's high performance pressure measurement systems such as the DPS500, DPS400 and DPS350 Air Data Test Sets. With the new autofloat controller, operator intervention is reduced to simply applying the mass load indicated by WinPrompt® software. WinPrompt applies all required correction factors, real timer, to insure attainment of the highest level of performance available in a gas piston gauge which is required to calibrate today's RVSM compliant test sets. The Model 2468 is based on the popular Model 2465 Gas Piston Gauge which has a long history of serving national standards laboratories, commercial industry and government organizations as a primary pressure standard for over 40 years. Time-proven materials, hand craftsmanship, and a lineage of inter-comparisons to National Standards laboratories at the highest levels are coupled with new automated technology to make the Model 2468 Pitot Static Primary Standard the world's choice for calibrating Air Data Test Systems.



Specifications

Accuracy

± 0.5 Ft @ 0 Ft
± 1.0 Ft @ 30K Ft
± 3.8 Ft @ 60K Ft

± 0.003 Kts @ 100 Kts
± 0.003 Kts @ 500 Kts
± 0.006 Kts @ 1000 Kts

Range (Autofloat Mode)

Altitude:	-2K to + 65K Ft
Airspeed:	175 to 600 Kts
Pressure:	1.4 to 103 inHg gauge or absolute

Range (Manual Mode)

Altitude:	-2K to + 95K Ft
Airspeed:	100 to 1000 Kts
Pressure:	0.4 to 103 inHg gauge or absolute

Electircal Power: 115/230VAC, 50/60 Hz, 15W

Operating Temp.: 15-28 oC

Storage Temp.: -20 to 70 oC

Features

- Available in Manual or with the Autofloat Controller.
- Automated primary standard for calibrating pitot static test sets.
- Pressure range: 0.4 to 103 inHg
  (optional range from 3.4 to 400 inHg)
- Accuracy to ± 0.5 feet, 0.003 knots.
- Ideal for calibrating RVSM compliant test sets.
- Absolute and gauge calibrations for Ps, Pt and Qc ranges.
- Calibrate in a variety of units including feet, meters, knots, inHg, mbar and several others.

Requirements

- Pressure Medium: Nitrogen or dry clean air with less than 5 ppm hydrocarbon and less than 5 ppm H2O content, dew point less than 50 micron particulate size.
- Two vacuum pumps needed to operate unit over the entire altitude and airspeed range.

Contact Information
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Call Barfield Regarding Export Restrictions