

# AIR DATA CALIBRATOR

NSN: 4920-01-611-1045

Reliable products with outstanding service to ensure continued customer success.

## SIMPLIFY



- ✓ Built-In Pressure & Vacuum Pumps
- ✓ Automated Pressure Control
- ✓ Fast Start-Up, Minimal Warm-Up

## PERFORM



- ✓  $\pm 0.002$  inHg Static Accuracy
- ✓ -4,000 to 100,000 ft Altitude Range
- ✓ 0 to 1,000 Knots Airspeed Range

## PROTECT



- ✓ Clean Dry Air System
- ✓ Overpressure Protection
- ✓ Stable, Consistent Output



### *The Laversab Advantage*

#### OUTSTANDING SERVICE...



- ✓ Global service & support
- ✓ 4 day calibration turnaround
- ✓ Loaner units available
- ✓ In-region support center



#### ...FOR A LIFETIME.

- ✓ 3-Year standard warranty
- ✓ Free online training
- ✓ Free software updates
- ✓ System upgrades to extend capability

## SPECIFICATION

<b>STATIC OUTPUT</b>	<b>Pressure function</b>		<b>PITOT OUTPUT</b>	<b>Pressure function</b>	
	Range	0.1 to 42 inHg		Range	0.1 to 100 inHg
	Resolution	0.001 inHg		Resolution	0.001 inHg
	Accuracy	±0.002 inHg		Accuracy	±0.003 inHg
	Units	Feet, meters, inHg, mbar Additional units may be added		Units	Knots, Mach, kmph, EPR, inHg, mbar, Qc inHg, Qc mbar Additional units may be added
	<b>Altitude function</b>			<b>Airspeed function</b>	
	Range	-4k to 100k ft.		Range	0 to 1000 knots
	Resolution	1 foot		Resolution	0.1 knot
	Accuracy	2 ft. @ 0 ft.		Accuracy	0.5 kt @ 50 kts
		6 ft. @ 35k ft.			0.25 kt @ 100 kts
		12 ft. @ 50k ft.			0.1 kt @ 300 kts
		50 ft. @ 80k ft.			0.01 kt @ 1000 kts
	<b>Climb function</b>			Airspeed rate	0 to 800 kts/min
	Range	0 to 50k ft/min		<b>Mach function</b>	
Resolution	1 ft/min	Range	0 to 5.0 Mach		
Accuracy	1% of ROC	Resolution	0.001 Mach		
<b>POWER REQUIREMENT</b>	90-260 VAC, 48-440 Hz., 200 VA		Accuracy	0.001 above 0.2 M	
<b>DIMENSIONS &amp; WEIGHTS</b>	Main unit	7" x 19" x 20" ;30 lbs	<b>EPR Function</b>		
			Range	0 to 199	
<b>INTERFACES</b>	RS232 and IEEE-488; Encoder optional Model 6505 Remote Unit optional		<b>ENVIRONMENTAL SPECS</b>		
			Operating temp	0° to 50°C	
			Storage temp	-25° to 75°C	
			Humidity	5 to 95% non-condensing	

