



p/n 0014388-001

## DESCRIPTION

A high accuracy, twin-channel Ps & Pt control system for precision calibration & inspection of:

- Altimeters
- Vertical Velocity Indicators
- Air Speed Indicators
- Air Data Computer Systems

## LARGEST AIR FORCE ADTS SUPPLIER

### KEY FEATURES

- RVSM Compliant
- Remote Terminal For Single Operator
- Portable & Ruggedized
- Illuminated Front Panel
- Programmable For Aircraft Type
- Military & Civil Specifications

### APPLICATIONS

Supports fixed/rotary wing aircraft

#### Modern Replacement

for the following legacy test sets:

- TTU-205
- ADTS 405
- TS-4508/U
- TS-4463/P



## Why Choose CME?

- ✓ 100% Government Orders Fulfilled on Time
- ✓ 20+ Years of Experience
- ✓ Proven Track Record
- ✓ Eliminate Obsolescence Issues
- ✓ US Air Force Contracted



Registered to AS9100  
with ISO 9001

<b>Portability</b>	Rugged case with handles, grasps, wheels for maneuverability and handling	
<b>Weight Dimensions</b>	Weight (Stowed Configuration)	82 pounds (37 Kg)
	Height (with case cover closed)	18 inches (457 mm)
	Width	12.9 inches (328 mm)
	Length	30 inches (762 mm)
<b>Power Requirements</b>	AC inputs	90-260 VAC 50/60 Hz, 103-127
	Max Power Consumption	VAC 400Hz 500 VA
<b>Environmental</b>	Operating Temperature Range	-40 to 131°F (-40 to 55°C)
	Storage Temperature Range	-60 to 160°F (-51 to 71°C)
	EM/EMC Compliance Tested	MIL-STD-461F
<b>Ranges</b>		
Altitude	-1900 ft ( -579m) to 80,000 ft (24,383m)	
Altitude, related pressure	32.03 to 0.8155 inHg	
Altitude slew rate	0 to 50,000 ft/min (+/-3 m/min) or +/-3%	
Airspeed, indicated	20 to 1,000 knots	
Airspeed, ind., related pressure	0.0192 inHg (0.487 mm) to 73.55 inHg (1868.17 mmHg)	
Airspeed slew rate	0 to 800 knots/min	
Mach limit setting	0 to 4.9 Mach	
Static load range	5 to 250 cubic inches (volume reduced at higher slew rates)	
Pitot load range	5 to 250 cubic inches (volume reduced at higher slew rates)	
<b>Accuracies</b>		
Altitude	+10 ft/min	
Altitude slew rate	(+3 m/min) or +/-3%	
Airspeed	+3 knots from 20-50 knots	
	+1.5 knots from 50-80 knots	
	+1 knot from 80-150 knots	
	+0.5 knots from 150-400 knots + 0.2 knots from 400-1000 knots	
Airspeed slew rate	+2 knots/min or 3% setting (whichever is greater)	
Mach limit setting	+ 0.05 Mach	
<b>Digital Interfaces</b>	IEEE488, RS232, Ethernet, and USB	
<b>Pressure/Vacuum System</b>	Integral pneumatic supplies. Auxiliary connections for external supplies to boost or drive other equipment. Supply for vacuum hold down static adaptors also provided.	
<b>Remote Terminal</b>	Complete with 20 ft (6 m) and 50 ft (15.2 m) long cables	
<b>Technical Manuals, Accessories</b>	Operator manual and calibration certificate also supplied as standard. Standard hoses, Quick Dis-connect kit, power cables, and ground cables included. Additional cables and output hose styles are available, please inquire. Lid Mounted Switching Manifold available option with two 5-way manifolds for multiple outputs (Ps & Pt ports). Each line with an individual manual shut-off valve.	

