

Flight Line Maintenance Test Set (FLMETS)

Product Specifications

NSN:4920-01-247-9723 P/N:18910460000

FLMETS Salient Features

- Flight Line Maintenance Test Set (FLMETS) is a rugged, self-contained flight line test system used to accurately simulate in flight pressure conditions by precisely controlling and measuring Altitude and Airspeed pressure to aircraft's pitot-static system.
- FLMETS can be used to test, certify, calibrate and troubleshoot aircraft pitot-static systems or associated pneumatic flight control systems. The accuracy and operational capabilities meet test requirements for military as well as commercial aircraft.
- FLMETS models are generally calibrated on a 6 month cycle to maintain accuracy.
- An available Remote Control Unit (RCU) (not shown), allows for operation of the test set from the cockpit. Remote operation reduces manpower requirements, damage to instruments, and decreases testing times. (P/N: 18910470000 P/N: TVCS-9003)
- This model features a NATO approved Fiberglass case



A



FLMTS Specifications

replaces TTU-205C/E & TTU-205BE Test Sets

Altitude	Specifications
Altitude Ranges	-1,500 to +80,000 ft
Altitude Accuracy	±10 feet or ±0.1% from -1,500 to ±60,000 feet, increasing linearly to ±130 feet at 80,000 feet
Altitude Slew Rate	0 to 50,000 ft/min
Altitude Rate Accuracy	±10 ft/min or 2% of setting
Altitude Rate Resolution	1 ft/min
Total Temperature Simulation	30 to 129.9 ohms (-99°C to +430°C)
Units	inHg, feet (ft)

Airspeed	Specifications
Airspeed Ranges	20 to 1,000 knots
Airspeed Accuracy	±2 knots from 20-50 knots ±1.5 knots from 50 - 200 knots ±1.0 knots from 200 - 300 knots ±0.5 knots above 300 knots
Airspeed Rate Range	0 to 800 knots/min
Airspeed Rate Accuracy	±2 knots/min or 2% of setting
Airspeed Resolution	± 0.1 knot
Mach Limit Setting	0 to 4.9 Mach
Units	knots (Vc), inHg, Mach

Leading Particulars	Specifications
Weight	112 lbs with accessories
Dimensions	24.5 x 19 x 14 inches
Power	90 -264 VAC, 47-440 Hz, Single Phase
Static Load	5 to 250 cubic inches
Pitot Load	5 to 100 cubic inches
Operating Temperature	-40°C to +55°C

