

# TTU-205 Series Test Set Model Comparison

	TTU-205C/E	TTU-205D	TTU-205F	TTU-205G	FLMTS / TTU-205S/S	TTU-205H	TTU-205J
							
Part Number(s)	18910010000	18910480000 / 0002	18910480001	18910480008	18910460000	18910480104	200317658-30
NSN	4920-00-489-9110	4920-01-141-0974 4920-00-931-1457	4920-01-214-2410	4920-00-000-0190	4920-01-247-9723	4920-01-466-1502	4920-01-512-7743
Electro-mechanical	Yes	--	--	--	--	--	--
Digital	--	Yes	Yes	Yes	Yes	Yes	Yes
RVSM Compliant <sup>1</sup>	No	No	No	No	No	Yes	Yes 
ECC Upgradable <sup>2</sup>	N/A	Yes	Yes	Yes	Yes	Yes	--
Altitude Range	-1,500 - 80,000 ft	-1,500 - 80,000 ft	-1,500 - 80,000 ft	-1,500 - 80,000 ft	-1,500 - 80,000 ft	-1,500 - 80,000 ft	-1,500 - 80,000 ft
Altitude Accuracy	±15ft or ±0.15% from -1,500 to 60,000 ft, increasing linearly to ±160 ft at 80,000 ft	±10ft or ±0.1% from -1,500 to 60,000 ft, increasing linearly to ±130 ft at 80,000 ft	±10ft or ±0.1% from -1,500 to 60,000 ft, increasing linearly to ±130 ft at 80,000 ft	±10ft or ±0.1% from -1,500 to 60,000 ft, increasing linearly to ±130 ft at 80,000 ft	±10ft or ±0.1% from -1,500 to 60,000 ft, increasing linearly to ±130 ft at 80,000 ft	±10ft or ±0.1% from -1,500 to 60,000 ft, increasing linearly to ±130 ft at 80,000 ft	±0.003 inHg
Airspeed Range	50 to 1,000 knots	20 to 1,000 knots	20 to 1,000 knots	20 to 1,000 knots	20 to 1,000 knots	20 to 1,000 knots	20 to 1,000 knots
Airspeed Accuracy	±1.5 kts over full scale	±2 kts from 20-50 kts ±1.5 kts from 50 - 200 kts ±1.0 kt from 200 - 300 kts ±0.5 kt above 300 kts	±2 kts from 20-50 kts ±1.5 kts from 50 - 200 kts ±1.0 kt from 200 - 300 kts ±0.5 kt above 300 kts	±2 kts from 20-50 kts ±1.5 kts from 50 - 200 kts ±1.0 kt from 200 - 300 kts ±0.5 kt above 300 kts	±2 kts from 20-50 kts ±1.5 kts from 50 - 200 kts ±1.0 kt from 200 - 300 kts ±0.5 kt above 300 kts	±2 kts from 20-50 kts ±1.5 kts from 50 - 200 kts ±1.0 kt from 200 - 300 kts ±0.5 kt above 300 kts	±2 kts from 20-50 kts ±1.5 kts from 50 - 200 kts ±1.0 kt from 200 - 300 kts ±0.5 kt above 300 kts
Military Qualified	Varies <sup>3</sup>	Yes	Yes	Yes	Yes	Yes	Yes
Shipboard Qualified	No	No	No	Yes	No	No	Yes*
Total Temp. Simulator	Yes	Yes	Yes	Yes	No	Yes	Yes / No*
Color		  		 			  
Power	115VAC, 400Hz 1PH	115VAC, 400Hz 1PH	115VAC, 400Hz 1PH	115VAC, 400Hz 1PH	115VAC, 400Hz 1PH	115VAC, 400Hz 1PH	115VAC, 400Hz 1PH
Calibration Cycle <sup>3</sup>	3 months	6-9 months	6-9 months	6-9 months	6-9 months	3-6 months	3-6 months
Weight	97 lbs	112 lbs	112 lbs	116 lbs	110 lbs	116 lbs	116 lbs

Raptor Scientific (TestVronics) has full repair overhaul, upgrade and calibration capabilities for the TTU-205D, F, G, H, SS and J models. The TTU-205D and TTU-205J are still available for purchase in Factory Overhauled condition.

<sup>1</sup>RVSM compliance is achievable on TTU-205D/F/G models using TestVronics (Raptor Scientific) ECC upgrade kit. <sup>2</sup>Once upgraded, the TTU-205 is designated as a TTU-205J. <sup>3</sup>May meet the requirements of some older aircraft.

<sup>3</sup>Calibration Cycles are based on USAF calibration data and recommended calibration intervals as of 12/30/2023.



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