

Fuel Quantity Test Set

2548H

The 2548H Fuel Quantity Test Set is a universal tester for AC Capacitance type systems. It is OEM accuracy and safety approved and requires no external power. It meets or exceeds the range, accuracy and safety requirements for fuel quantity systems up to 1000 pF and is designed to operate with guarded capacitance type systems. The tester can measure and simulate tank capacitance from 0.1 to 999.9 pF. It can measure insulation breakdown from 50 K Ω to 5000 M. Ω with an accuracy of $\pm 5\%$ of nominal reading. The 2548H is a small, self-contained, battery powered, analog test set that can measure system insulation, capacitance, and simulate current to drive mA style indicators. The unit is small enough to use in confined places, but accurate enough to use as a bench tester.

The 2548H comes in a standard configuration and includes a two-terminal megohmmeter. The unit is also available in a guarded three-terminal megohmmeter when ordered with Option B. A standard lead package is provided with all the accessories required to adapt any aircraft fuel quantity adapter cable to the test set. This unit in conjunction with the appropriate Adapter Cable interface provides the operator with a complete fuel quantity test system.

2548H Options & Accessories

OPTION B: Guarded 3-terminal Megohmmeter

101-00702 115 VAC 50-400Hz, AC Power Pack*

101-00703 230 VAC 50-400Hz, AC Power Pack*

101-00401 Accessory Lead Package

(Included with all new units)

195-00013 Test Set Carrying/Shipping Case

*Replaces battery pack directly



Features

- > Measures capacitance of individual or interconnected tank units or unit simulators
- > Measures insulation resistance of wiring, tank units or other discrete components
- > Simulates capacitance representative of empty, partially full or full tank units or systems
- > 0.1 pF resolution throughout range
- > Interchangeable aircraft interface modules
- > 2-terminal megohmmeter with 6 selectable test points
- > Optional 3-terminal megohmmeter
- > State-of-the-art low battery drain circuitry

2548H Dimensions

	in.	cm.
Height	5.3	13.5
Width	12.2	31.0
Depth	10.4	26.4
	lbs.	kg
Weight	7.0	3.2