

# DC400A Digital Fuel Quantity Tester

## General Information:

The compact and lightweight DC400A is a complete fuel quantity system test set for use on aircraft that have probes with integral diode rectification, commonly called "DC" fuel quantity systems.

The DC400A is a completely self-contained, portable, lightweight, internal battery powered DC fuel quantity system Test Set. The tester is specifically designed, when used with the proper Adapter Module (pages 57-62), to meet the requirements for testing and calibration of a wide range of Aircraft DC Fuel Quantity Systems. The Interchangeable adapter modules customize the DC400A to interface directly with a specific aircraft without the need for an external adapter cable. The digital monitor function monitors the fuel quantity indicator/signal conditioner out-put directly in pounds, volts, ratio, etc., depending on the module. The DC400A has been human engineered to provide the technician the following capabilities:



- Capability to bench check Aircraft fuel quantity system components.
- Capability to test all major components and circuitry in the Aircraft's DC fuel quantity system.
- Provides direct digital LCD readout of probe capacitance.
- Digital readout of quantity system output in (volts, lb., ratio, etc.).
- Maximum ease of operation and maintenance.

## Features

- Completely self-contained "DC" capacitance fuel quantity test system
- 4 1/2 digit LCD (Liquid/Crystal/Display)
- Interchangeable aircraft interface modules
- Power supply; 12 volts, eight (8) AA batteries
- Provisions for bench-testing of system components
- State of the art low battery drain circuitry

## Dimensions

	In.	cm.
Height	5.3	13.5
Width	12.2	31.0
Depth	10.4	26.4

	lbs.	kg
Weight	4.5	2.0

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