

AIRBUS A310 Aircraft Fuel System Support Equipment

The following is a list of ground support equipment required for testing the Airbus A310 Fuel Quantity Indicating System.

PSD90-3AC | Order Code 22160649

New AC Capacitance Test Set contains all the necessary functionality to measure and simulate capacitance and perform insulation resistance and continuity tests on the aircraft wiring. Includes functionality to automatically detect and manually test for contaminated fuel probes.

Please refer to the PSD90-3 product data sheet for more information.



The PSD90-3AC replaces the PSD60-2R

PSD60-2R | Order Code 693 | Part Number 01-0597-00

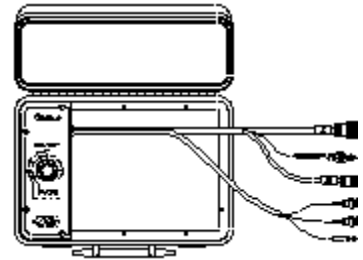
The PSD60-2R Fuel Quantity Test Set is an accurate, stable unit designed to test AC capacitance-type fuel quantity measurement systems and their line-replaceable components. The PSD60-2R, along with aircraft-specific interface units or cables, provides complete capability to test most aircraft with AC capacitance systems. The PSD60-2R performs these functions:

- Measurement of total tank capacitance, individual tank units and compensators
- Simulation of capacitance for indicator calibration
- Simulation of compensator capacitance value for dry calibration
- Measurement of the insulation resistance of tank units and aircraft harness
- Measurement of coax center conductor to shield for fault isolation
- Display of capacitance resolution to 0.00 pF for accurate individual tank unit testing (to 199.99 pF)



PSDA310-1 | Order Code 57571 | Legacy Part Number 55-0782-00

The PSDA310-1 Fuel Quantity Interface is used to access all probes, compensators and total tank capacitance at the tank wall. Connects between the PSD60-2R and the aircraft.



PSDA310-1 contains the following cables:

Inner Tank Cable | Order Code 57572 | Legacy Part Number 55-0782-01

The Inner Tank Adapter Cable allows access to inner tank probes and compensators. Connects between the PSDA310-1 and the aircraft.



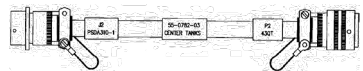
Center Tank Hi-Z Cable | Order Code 57573 | Legacy Part Number 55-0782-02

The Center Tank Hi-Z Adapter Cable allows access to center tank probe and compensator Hi-Z connections. Connects between the PSDA310-1 and the aircraft.



Center Tank Lo-Z Cable | Order Code 57574 | Legacy Part Number 55-0782-03

The Center Tank Lo-Z Adapter Cable allows access to center tank probe and compensator Lo-Z connections. Connects between the PSDA310-1 and the aircraft.



PSDA310-2 | Order Code 771 | Legacy Part Number 01-0779-00

The PSDA310-2 Level Sensor Tester is used with the PSDA310-1. Connects between the PSDA310-1 and the aircraft.



PSDA300-3 | Order Code 57569 | Legacy Part Number 01-0781-10

The PSDA300-3 Fuel Quantity Interface allows for total tank capacitance and probe compensator at the Fuel Quantity Indication System (FQIS) unit front connectors. Connects between the PSD60-2R and the aircraft.

