

AIRBUS A300 Aircraft Fuel System Support Equipment

The following is a list of ground support equipment required for testing the Airbus A300 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 alert and manually test for contaminated fuel probes.

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



PSD90-3AC replaces the PSD60-2R

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

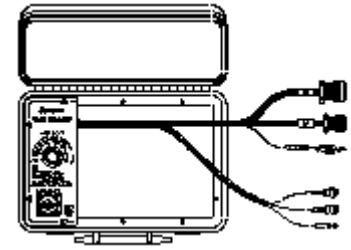
The PSD60-2R Fuel Quantity Test Set is an accurate, stable unit designed to test AC capacitance-type fuel quantity measurement systems and their line-replaceable components. The PSD60-2R, along with aircraft-specific interface units or cables, provides complete capability to test most aircraft with AC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



PSDA300-1 | Order Code 57564 | Legacy Part Number 55-0780-00

The PSDA300-1 Fuel Quantity Interface is used to access all probes and compensators at the wing spar or at the wheel well for the center tank. Units with Mod 1 or less will only connect to harnesses with Souriau connectors. Units with Mod 2 may be used only with the Goodrich (UTC) retrofit harness. Connects between the PSD60-2R and the aircraft.



PSDA300-1 contains the following cables:

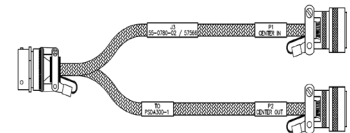
Level Sensor Cable | Order Code 57565 | Legacy Part Number 55-0780-01

Level Sensor Adapter Cable used to access the level sensors for the center tank. Connects between the PSDA300-1 and the aircraft.



Center Tank Cable | Order Code 57566 | Legacy Part Number 55-0780-02

Center Tank Inbound and Outbound Adapter Cable used only on aircraft with the Goodrich (UTC) retrofit. Connects between the PSDA300-1 and the aircraft.



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

The PSDA310-2 Level Sensor Tester is used to access the level sensors of all tanks. Connects between the PSDA300-1 and the aircraft.



PSDA300-2 | Order Code 57568 | Part Number 55-0781-00

The PSDA300-2 Fuel Quantity Interface is used to access all probes and compensators of the tail tank at the tank wall. Connects between the PSD60-2R and the aircraft.

