

# AIRBUS A300-600 Aircraft Fuel System Support Equipment

The following is a list of ground support equipment required for testing the Airbus A300-600 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 | Legacy Part Number 01-0597-00**

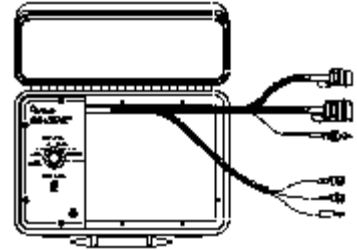
The PSD60-2R Fuel Quantity Test Set is an accurate, stable unit designed to test AC capacitance type fuel quantity measurement systems and their line replaceable components. The PSD60-2R, along with aircraft-specific interface units or cables, provides complete capability to test most aircraft with AC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



**PSDA300-3 | Order Code 57569 | Legacy Part Number 55-0781-10**

The PSDA300-3 Fuel Quantity Interface is used to access probes and compensators of all tanks. Connects between the PSD60-2R and the aircraft at the Fuel Quantity Indication System (FQIS) unit front connectors.

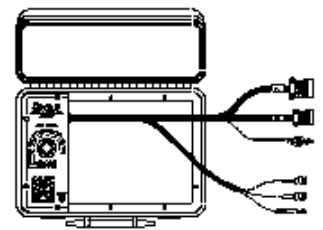


**Extender Cable | Order Code 57570 | Legacy Part Number 55-0781-11**

Part of the PSDA300-3. Connects between the PSDA300-3 and the AUX tanks on the aircraft to test total tank capacitance and compensator.

**PSDA300-4 | Order Code 57575 | Legacy Part Number 55-0783-00**

The PSDA300-4 Fuel Quantity Interface is used to access all probes compensators and total tank capacitance at the wing spar or at the wheel well for the center tank. Connects between the PSD60-2R and the aircraft. Used on Airbus retrofit aircraft, not Simmonds (UTC).



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

The PSDA310-2 Level Sensor Tester is used with the PSDA300-4. Connects between the PSDA300-4 and the aircraft.

