

# Boeing 757 Classic Fuel System Support Equipment

The following is a list of ground support equipment required for testing the Boeing 757 (100, 200 and 300/ER) 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**

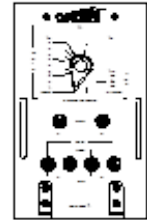
The PSD60-2R Fuel Quantity Test Set is an accurate, stable unit designed to test AC capacitance-type fuel quantity measurement systems and their line-replaceable components. The PSD60-2R, along with aircraft-specific interface units or cables, provides complete capability to test most aircraft with AC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



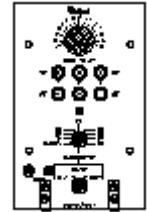
**PSD757-1| Order Code 723 | Legacy Part Number 01-0691-00**

The PSD757-1 Fuel Quantity Interface is used only on 757-100, 757-200 and 757-300/ER aircraft with the Honeywell Fuel Quantity Indication Systems (FQIS). Connects at the Central Processing Unit (CPU) to measure the individual probes in the main and center tanks.



**PSD757/767-1| Order Code 725 | Legacy Part Number 01-0703-00**

The PSD757/767-1 Fuel Quantity Interface is used only on 757-100 and 757-200 aircraft with Simmonds (UTC) Fuel Quantity Indicating Systems (FQIS). Connects at the Central Processing Unit (CPU) or at the tank wall with interface cables to measure individual probes, perform Go-No Go densitometer tests, calibration resistor checks, vibrating spool checks and checks of associated wiring.



**The following cables are included with the PSD757/767-1  
PSD757/767-101 | Order Code 57375 | Legacy Part Number 55-0703-01**

Used to access the left and right main tanks on the 757-100 and 757-200. Connects between the PSD757-767-1 and the tank wall connector.



**PSD757/767-102 | Order Code 57376 | Legacy Part Number 55-0703-02**

Used to access the densitometers in all tanks on the 757-100 and 757-200. Connects between the PSD757/767-1 and the tank wall connector.



**PSD757/767-103 | Order Code 57377 | Legacy Part Number 55-0703-03**

Used to access the center tanks on the 757-100 and 757-200. Connects between the PSD757/767-1 and the tank wall connector.



**PSD60-510/511| Order Code 57260 | Legacy Part Number 55-0597-08**

The PSD60-510/511 Interface Unit is used only on the 757-300ER with the Simmonds (UTC) Retrofit or the Honeywell FQIS. Connects between the PSD60-2R and the wing spar connector.

