

ATR 42/72 Aircraft Fuel System Support Equipment

The following is a list of ground support equipment required for testing the ATR 42/72 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.



The PSD90-3AC replaces the PSD60-2R

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

The PSD60-2R is designed to calibrate and troubleshoot any AC capacitive fuel, oil or LOX quantity system. The test set is utilized extensively by rotary and fixed-wing aircraft operators around the world. The PSD60-2R performs these functions:

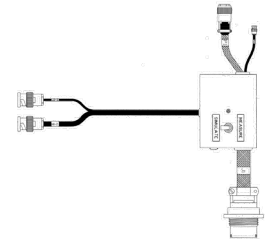
- Measurement of total tank capacitance, individual tank units and compensators
- Simulation of capacitance for indicator calibration
- Simulation of compensator capacitance value for dry calibration
- Measurement of the insulation resistance of tank units and aircraft harness
- Measurement of coax center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



PSD40-555-1 | Order Code 58301 | Legacy Part Number 55-5001-00

The PSD40-555-1 T-Cable interfaces to both tanks at the left indicator. Allows measurement of the tank units and simulation to the indicator.

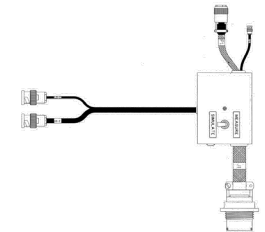
Note: Aircraft with SB ATR72-28-1026 require an adapter tool from ATR to connect to the aircraft.



PSD40-555-2 | Order Code 58302 | Legacy Part Number 55-5001-10

The PSD40-555-2 T-Cable interfaces to both tanks at the right indicator. Allows measurement of the Tank Units and simulation to the indicator.

Note: Aircraft with SB ATR72-28-1026 require an adapter tool from ATR to connect to the aircraft.



PSD40-556XXX | Order Code 58312 | Part Number 55-5006-00

Interface Cable at the Tank Wall. Measurement of probes 1, 2, 3, 4, 5 & 6 on pre-MOD 1666 ATR-42 Aircraft. Measurement of probes 2, 3, 4 & 5 on post-MOD 1666 ATR-42 aircraft.



PSD40-556YYY | Order Code 58313 | Part Number 55-5006-10

Interface Cable at the Tank Wall; Measurement of probe 1 on ATR-72 and ATR-42 with MOD 1666.



PSD40-556ZZZ | Order Code 58314 | Part Number 55-5006-20

Interface Cable at the Tank Wall; Measurement of probes 2, 3, 4, 5 & 6 on ATR-72.

