

DFQ40K



Digital Fuel Quantity Test Set

- Self contained AC capacitance fuel quantity test system
 - Capacitance simulation and indicator testing
 - Microprocessor based

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Your success is our concern

Fuel Quantity Test Set Model DFQ40K

Specifications

INSULATION MEASUREMENT

Range: 0-20,000 MOhm in 4 ranges
Accuracy: 5% of 0-2,000 MOhm reading
Accuracy: 10% of 2,000-20,000 MOhm reading

CAPACITANCE MEASUREMENT

Range: 0-40,000 pF in 3 ranges
Accuracy: Greater of: 0.1% of reading or 0.1 pF

CAPACITANCE SIMULATION

Range: Tank 10-10,000 pF in 2 ranges
Range: Comp 10-1,000 pF in 1 range
Accuracy: 0.05% of Measurement Range

DISTANCE TO FAULT

Range: 40,000 pF in 1 range
Accuracy: Greater of $\pm 0.2\%$ of reading or 1 pF

VOLTAGE MEASUREMENT

Range: 0-40.00 VDC in 1 range
Accuracy: 0.1%

LOW RESISTANCE MEASURE

Range: 0-20,000 Ohm
Accuracy: 0.1% of reading

INDICATOR TEST

Range: 0-4,000 μ A
Accuracy: 0.1% of reading

Specifications Subject To Change

Features

- Microprocessor based
- Custom multi-line backlit graphic display
- Pushbutton softkey menu driven switching
- Direct keypad entry of Tank and Comp simulation values
- Use all existing cables
- Use new generation of Smart Cables to perform Automated Test Routine
- Calibration date available from display with user alerts to approaching calibration date
- Numerous user prompts
- Powered from common C cell batteries with Auto-Off feature to conserve batteries

DFQ40K Additional Specifications

- Operating temperatures range from 14°F (-10°C) to 120°F (50°C)
- Dimensions: Length 14in, Width 12in, Height 6in.
- Weight 10lbs.

AIRCRAFT MAINTENANCE REPAIR OVERHAUL & SUPPORT

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ISO 9001-2000 and AS9100 Certified

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