

Conductivity of Aviation Fuels - MLA (FieldTest)

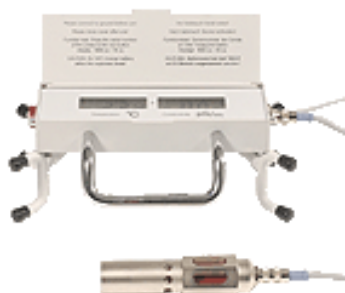
ASTM D 2624, ISO 6297, DIN 51412-2, IP 274, JIS K2276

Product group(s): Fuel

User group(s): Fuel, Jet

Scope: These methods cover the determination of the electrical conductivity of aviation fuels containing a static-reducing additive. The methods normally give a measurement of the conductivity when the fuel is uncharged; that is, electrically at rest (known as the rest conductivity).

Two methods are available for field test of fuel conductivity. There are portable meters for the direct measurement in tanks or the field and in-line meters for the continuous measurement of fuel conductivities in a fuel distribution system.



Conductivity Test Equipment

More details are mentioned in the "Order Number" section

Technical Data

Conductivity range: 0 ... 1999 pS/m (picosiemens/meter)

Measuring tolerance: ± 2 pS/m ($\pm 2\%$ reading)

Temperature range: -20 ... 0 °C ($\pm 0,5$ °C)
0 ... +40 °C ($\pm 0,2$ °C)
+40 ... +60 °C ($\pm 0,5$ °C)

Battery: 9 V

Dimensions: (WxDxH) 267x108x163 mm

Weight: approx.. 2900 g

Main Unit

13-3180

Conductivity Meter - MLA (Field Test)

ASTM D 2624 - DIN 51 412-2 - ISO 6297 - IP 274 - JIS K2276

Consisting of:

Two large digital displays for the measuring ranges of Temperature (°C) and Conductivity (pS/m).

status display, alarm display when conductivity below 50 pS/m, calibration resistor, large electrode distance to avoid false determinations, CENELEC-admission EEx ia IIB T 6.

Supplied with:

carrying case, probe sub-assembly (measuring cell), cable holder, cables 2 m and 10 m.

Note! A cable extension up to a total length of 24 m is possible.

Power supply: Battery operated!

Spare Parts

13-3184

Battery 9 V (special battery with a life of approx. 3 years)

13-3185

Electrode Cable, 2 m

13-3186

Electrode Cable, 10 m

Order Guideline

Minimum equipment: 1x 13-3180

Additional requirements: