

FEATURES & TECHNICAL DATA

- 0-1999pS/m reporting of conductivity
- -20°C to +60°C Temperature
- Accuracy $\pm 2\text{Ps/m}$ at $<100\text{pS/m}$
 $\pm 2\%$ of $>100\text{pS/m}$
 $\pm 0.5^\circ\text{C}$
- ATEX: II ½ G EEx ia IIB T6
- Sensor Head ZONE 0
- Display Unit ZONE 1
- Fitted With Earth Cable and Clamp
- Large LCD Display with Protection Cover
- ASTM D2624
- Auto Shut-off
- Replaceable Battery (1000 Hrs Operation)
- Painted Sheet Metal Housing
- Dimensions: 290mm x 170mm x 100mm – 2.4kg
- Rugged Robust design supplied in carry case
- Variable Probe Cable Lengths – 2m Standard, 5m, 10m, 17m & 24m



OVERVIEW

The MLA 900 has been developed to measure the electrical conductivity and temperature of fuels and light mineral oils in a wide range of applications. Sampling from the roof of a storage tank to laboratories, fuel loading racks and at the wing of an aircraft where intrinsically safe hazardous area regulations apply.

PERFORMING A TEST

Consisting of four instrument parts (probe, probe cable, display and grounding clamp) which are easily assembled, open the display cover flap to turn on the instrument. Ensure the grounding clamp is securely attached and simply lower the probe into your fuel or oil sample to report Conductivity and Temperature. Take a reading immediately upon reaching the level at which reports should be taken. Due to the device using a DC technology, the result will drop off as the sensor electrodes work toward equilibrium. With its self-diagnostic capabilities, any issues are displayed as Icons in the large LCD display window.

To turn off, simply close the display cover.



VERIFICATION & CALIBRATION

With self-test integrated as standard, the MLA900 user can quickly and easily perform a single point function check by touching the sensor head to the left side of the base unit. A reading of $1000\text{pS/m} \pm 10$ should be achieved. If not, the unit should be returned to the supplier for service and/or repair.

Factory calibration is required every seven years.



INFORMATION

The MLA900 is manufactured by MBA Instruments GmbH.

PART NUMBER

30100001