

SALCO PRODUCTS CONDUCTIVITY METER



Salco Products conductivity tester has been designed for testing the integrity of rubber linings in railcars and trucks per Chlorine Institutes Pamphlet 98. The tester uses two 9V batteries and is rated from -25°F to 160°F. See Pamphlet 98 for acceptable commodities and concentrations that are acceptable for Milliamp Conductivity Testing.

Suggested Procedure:

-Test meter accuracy:

This is to be done prior to taking any readings to ensure accurate results.

Press the ON/OFF button to turn the tester on. The tester should zero out within a second or so and read 0.00. A (-) may show on the screen, this is normal. Plug both the probe and ground clamp into the tester. Clamp the ground clamp onto the probe. The tester display shall read 5.00 and may deviate by ± 0.01 . ^a

! Should the display seem dim or not turn on at all try replacing the batteries with fresh ones.

^a If the meter reads a value less than 4.99 or more than 5.01 for more than several seconds contact Salco Products and discontinue use of the meter.

-Take a reading:

Connect the grounding clamp to a piece of exposed metal that is an integral part of the tank shell. A sound connection with the tank shell is essential for a good reading. A sound connection can be verified by touching the probe to a piece of metal integral to the shell somewhere adjacent to the (clamp without touching the clamp). The tester should read 5.00 indicating a good ground connection.

Next insert the probe into the commodity. Be sure the probe is in contact with the commodity when the reading is recorded. Record the reading and see Chlorine Institute Pamphlet 98 for interpretation of readings.

Storage:

When not in use store the Conductivity Meter kit away from direct sunlight and extreme temperatures.