

Emcee Electronics Model 1152 and 1154 Conductivity Meters

MEASUREMENT OF ELECTRICAL CONDUCTIVITY IN THE FIELD & LABORATORY (ASTM Standard Test Methods D2624 & D4308)

For safety reasons, the electrical conductivity of liquid products known to have low conductivity (typically in the picoSiemens per meter (pS/m) range) is measured to determine if conductivity improving additives should be used. During the handling, filtering and use of such products, the generation of electrical charge build up can be induced to dangerous levels. The injection of additives increases the conductivity to a level where the charge readily dissipates prior to reaching a critical level.

An on-line conductivity monitoring and control system is also available. Please ask for details of the Model 1150 Staticon®.



Model 1152 Digital Conductivity Meter



Model 1152 with Cable Reel



Model 1154 Precision Conductivity Meter

Description of Instruments and Tests

Model 1152 Digital Conductivity Meter - Test Method D2624

The Model 1152 Digital Conductivity Meter is a hand held portable instrument that is capable of performing electrical conductivity measurements for field and laboratory applications.

The standard range is 0 – 2000 picoSiemens per meter (pS/m) with an accuracy of $\pm 2\%$ of the reading \pm the last significant digit.

Meters having extended ranges are available.

Extension Cables and Cable Reels

Extension cables are available in 1.5- and 3-metre lengths. For larger tanks, cable reels with 15- and 30-metre lengths are also available.

Model 1154 Precision Conductivity Meter - Test Method D4308

The Model 1154 Precision Conductivity Meter is readily suited for laboratory applications and has multiple ranges to measure from 0.01 to 2,000 pS/m and a temperature probe.

The Meter is also available with extended ranges.

MKM Ltd.

Çetin Emeç Bulvarı, 1314. Cad. 1332. Sok. No:6/2

Öveçler, Çankaya / ANKARA

Tel: (0312) 472 1976

Email: info@mkmltd.com