ENAMEL RATER

Characteristics :

• Test the coverage of the enamel coating inside canned food, beverages, and aerosols as well as the different types of covers
• Displays an index of the amount of metal exposed by incomplete enamel coverage by a clear vision of the digital display with LED
• Digital display
• RS 232 output
• User self calibration
• Identifies the area not covered



DIGITAL ENAMEL RATER with can support for cans on two parts

Principle :

The instrument applies a constant voltage across the can body and an electrode immersed in the electrolytic water filled, and measuring the resulting current. Voltage during the test is 6.3 VDC.
The operating range is 0 to 300 milli-amperes with an accuracy of resolution of 0.1 ma.

The hood support comprises a container mounted on a pivot. The cup is beveled to make a tight seal on the can cover. An electrode and the connection to the vacuum in the container are mounted. On the base, a valve for creating a vacuum and a movable arm, complete the electrical circuit when the assembly is inverted.



Special cover supports (option)

Technical Data :

Sample Type: Cans two and three pieces, aerosols and different types of covers
Range: 0 to 300 m
Resolution: 0.1 mA
Accuracy: ± 5%
Power: AC 115/230 V DC9V
Rear Panel: RS232 serial output
Screen Size: 162 x 200 x 80 mm (L x W x H)
Dimension of the box support : 210 x 228 x 250 mm (L x W x H)
Weight: 4 kg