

DIGITAL ENAMEL RATER

ENR-DIG II Enamel rater for metal exposure



The manual digital enamel rater is used to check the interior lacquer coating on cans and ends.

Charge your cans to maintain the highest quality

The enr-2000 determines the lacquer permeability on 3-piece cans, 2-piece cans, aerosol cans, can ends, side seams, bottle caps and even tubes.

The current flow is measured in ma to detect any areas of metal exposure. The manual digital enamel rater is quickly and easily configured for: test voltage (4v, 6.3v or 10v); measurement range (0-200ma or 0-2000ma); test time (from 1 to 99 seconds); and test polarity. Test results are shown on the large lcd and may be transferred to a computer database.

A 90 ohm calibrated test resistor may be provided for calibration, as well as enamel testing fixtures for 3-piece cans, 2-piece cans, aerosol cans, can ends, side stripes, bottle caps, and even tubes. Programmable measurement events: contact control, filling control, measure duration, current limits, printout handling of one intermediate reading (two measurement duration).

The results are shown on the display and may be saved. Results are also available for data transfer either directly into a plant-wide data collection system, or for transfer directly into VISIONARY QC™ or other data acquisition software.



Fixtures available for 3-piece cans, 2-piece cans, aerosol cans, can ends, side stripes, bottle caps and tubes.

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Technical information:

- **Electrical power required:** 120 / 230 Vac 50-60hz
- **Characteristics measured:** Lacquer Permeability
- **Max end diameter:** 230mm
- **Max can diameter:** 170mm (610)
- **Resolution:** (0-200ma) 10 μ A, (200MA-1000ma)100 μ A
- **Measurement range:** up to 1000ma (automatic range switching)
- **Accuracy:** ± 0.05 Ma
- **Output interface:** rs232c
- **Precision:** 0.2% ± 1 l.s.d.
- **Languages:** english, german, french, hungarian
- **Measurement voltage:** adjustable between 2.0 to 10.0v in steps of 100mv. (precision 1%)
- **Size:** 290 mm x 205 mm x 80 mm (11 in x 8 in x 3 in)

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