



Digital Enamel Rater

ENR-DIG II Enamel rater
for metal exposure

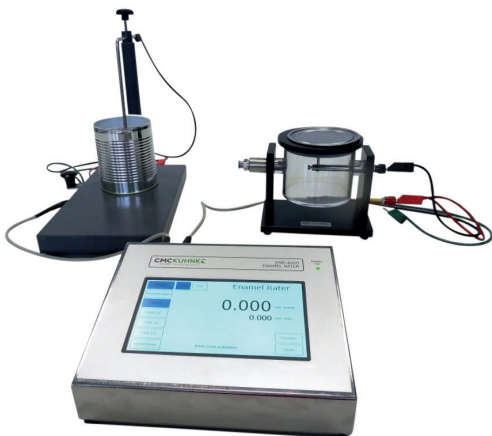
The manual digital enamel rater is used to check the interior
lacquer coating on cans and ends.

Charge your cans to maintain the highest quality. The ENR-4000 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 (0-250mA); test time (from 1 to 99 seconds); and test polarity. You can choose between two hardware test channels with separate electrical settings. Test results are shown on the large led and may be transferred to a computer database.

A 100 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.

Technical Details

Electrical power required:	120 / 230VAC 50-60hz
Characteristics measured:	Lacquer Permeability
Resolution:	(0-250mA) 1.0μA
Measurement range:	up to 250mA
Accuracy:	±0.05mA
Output interface:	rs232
Precision:	0.2% ±1 LSB
Languages:	English, German
Measurement voltage:	adjustable between 2.0 to 10.0v in steps of 100mv. (precision 1%)
Size:	230mm x 190mm x 90mm
Separate test channels:	2

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