

MODEL
9525A

DIGITAL CAN ENAMEL RATER

FEATURES

- **DIGITAL DISPLAY OF RESULTS**
- *RS-232* **COMMUNICATION CAPABILITY**
- **AUTOMATIC VOLTAGE REGULATION**
- **USES STANDARD ELECTROLYTES**
- **DETACHED CAN HOLDER FOR CORROSION PROTECTION**
- **TESTS WIDE RANGE OF ROUND AND NON-ROUND SAMPLES**



LATEST MODEL MAY VARY SLIGHTLY FROM PHOTO

DESCRIPTION

The MODEL 9525A Digital Can Enamel Rater is used to test for deficiencies such as poor enamel coating by detecting and locating metal exposure in cans. The 9525A provides an index of surface quality in terms of the amount of metal exposure by measuring current flow through the can and an electrolyte.

OPERATION

The can is filled with the electrolyte solution, placed under the electrode and the electrode is lowered into the solution. A test sequence is initiated and a direct reading of enamel coating quality is then obtained from the front panel digital display.

SAFETY

The 9525A Digital Can Enamel Rater electronics are enclosed in a impact-resistant housing. The separate can holder is attached to the enamel rater with a cable allowing the electronics housing to be located away from the corrosive electrolyte solutions.

PRODUCT OVERVIEW

The 9525A Digital Can Enamel Rater was designed to provide an index of can surface quality in terms of the amount of metal exposure of an enamel-coated sample. The 9525A determines this exposure by measuring the current flow thru a set of electrodes, between which rests the sample and an electrolyte.

The 9525A Enamel Rater includes features such as automatic voltage regulation, digital display of the test results and the use of standard electrolytes. This unit also provides RS-232 communication allowing test results to be sent to a PC or similar device.

The 9525A incorporates a detached can holder for isolation of corrosive electrolyte solutions.

The 9525A tests most sizes and types of cans, including round and non-round samples and does not require the use of Change Parts.

The 9525A is designed for safe, reliable operation.

APPLICATION NOTES

The 9525A is used to rate enamel coating on cans. The 9525A rater does not test ends; see the 9524A Can and End Enamel Rater System for both can and end testing or 9526A End Enamel Rater for testing ends only.

SPECIFICATIONS

The following document describes the specifications for this unit:

CDXM3501 - Specifications for the 9525A

OPTIONS

Options specified when ordering the 9525A include the following:

Input Line Voltage

TECHNICAL SUPPORT

Altek provides comprehensive technical support to its customers worldwide. For assistance, contact Altek and ask for the Engineering department.

REPAIR

Altek customers can obtain a return authorization from Altek and ship a faulty unit in for repair, if necessary. In addition, replacement parts for all models are available from Altek.

WARRANTY

All Altek products are built to the highest standards of quality and reliability. This Altek product is backed by a full 90-day warranty.

FURTHER INFORMATION

See the accompanying fliers and specifications for additional information concerning this product. If these documents were not included with this flier, please call Altek; they will be mailed or faxed as quickly as possible.

CUSTOM DESIGN

Altek can custom design inspection and test equipment to meet specific customer requirements. Custom Change Parts can also be designed and manufactured for most Altek products; contact Altek for further information.

For more information, contact Altek between 8:00 am and 5:00 pm ET, Monday thru Friday. The Altek company address and phone numbers can be found on the front of this flier.

ORDERING INFORMATION

To purchase this product:

This flier is supplemented by additional literature in the form of a specification sheet.

The 9525A Can Enamel Rater does not require the use of Change Parts to test cans.

Thank you for your interest in TECH • products from Altek!

9525A SPECIFICATIONS

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

MODEL: 9525A DIGITAL CAN ENAMEL RATER

EFFECTIVE DATE: MARCH 4, 1998

& DENOTES OPTIONS SPECIFIED BY CUSTOMER

* DENOTES FIELD ALTERABLE OPTIONS (DEFAULT SHOWN)

DESCRIPTION: Manufacturer WACO
 Model 10788 / 110 volts
 10788 / 220 volts
 Description Can Enamel Rater
 Specifications see WACO manual
 accompanying the 9525A

OPERATION: Refer to manual for operation conventions

ELECTRICAL: Supply Frequency 50/60 hz, single phase
& Supply Connection
 110 vac units 2-prong, transformer
 isolated
 220 vac units 3-wire input, transformer
 isolated

OUTPUT: Display 4 digit 0.560" green LED
 Units milliamperes
 Auxilliary Output 25 pin RS-232 serial
* Communications 9600, 8 bit, 2 stop, no parity