

**MODEL**  
**9524A****DIGITAL CAN AND END ENAMEL RATER SYSTEM****FEATURES**

- **DIGITAL DISPLAY OF RESULTS**
- *RS-232* **COMMUNICATION CAPABILITY**
- **AUTOMATIC VOLTAGE REGULATION**
- **USES STANDARD ELECTROLYTES**
- **DETACHED END AND CAN HOLDER FOR CORROSION PROTECTION**
- **TESTS WIDE RANGE OF ROUND AND NON-ROUND SAMPLES**
- **QUICK-MOUNT CHANGE PARTS**
- **CLEAR VIEW OF SAMPLE UNDER TEST**
- **END HOLDER HAS VACUUM CAPABILITY**



LATEST MODEL MAY VARY SLIGHTLY FROM PHOTO

**DESCRIPTION**

The MODEL 9524A Digital Can and End Enamel Rater System is used to test for deficiencies such as poor enamel coating by detecting and locating metal exposure in cans and ends. The 9524A provides an index of surface quality in terms of the amount of metal exposure by measuring current flow through the can or end and an electrolyte.

**OPERATION**

A can is filled with an electrolyte solution, placed under the electrode and the electrode is lowered into the solution. An end is placed on the electrolyte-filled End Holder and rotated upside down. A test sequence is initiated and a direct reading of enamel coating quality is then obtained from the front panel digital display.

**SAFETY**

The 9524A Digital Can and End Enamel Rater electronics are enclosed in an impact-resistant housing. The separate can holder and end holder are attached to the enamel rater with a cable allowing the electronics housing to be located away from the corrosive electrolyte solutions.

## PRODUCT OVERVIEW

The 9524A Digital Can and End Enamel Rater System was designed to provide an index of can or end surface quality in terms of the amount of metal exposure of an enamel-coated sample. The 9524A determines this exposure by measuring the current flow thru a set of electrodes, between which rests the sample and an electrolyte.

The 9524A Enamel Rater System employs the use of a WACO Can Enamel Rater (Altek model 9525A) and an End Holder (Altek model 9502).

The 9524A Enamel Rater includes features such as automatic voltage regulation, digital display of test results and the use of standard electrolytes. This unit also provides RS-232 communications allowing test results to be sent to a PC or similar device.

The 9524A incorporates a detached end holder and can holder for isolation of corrosive electrolyte solutions.

The 9524A tests most sizes and types of cans and ends, including both round and non-round samples.

Although the 9524A does not require the use of Change Parts to test cans, the unit must be fitted with an appropriate set of Change Parts in order to test each specific size and type of end. These Change Parts are manufactured by the Altek company and are required for operation of the unit.

The 9524A is designed for safe, reliable operation.

## APPLICATION NOTES

The 9524A system consists of the Altek model 9525A Digital Can Enamel Rater and the Altek model 9502 End Holder and is used to rate enamel coating on ends and cans. The 9524A system does NOT require Change Parts to test CANS; the 9524A DOES require Change Parts to test ENDS.

## SPECIFICATIONS

The following documents describe the specifications for this unit:

CDXM3501 - Specifications for the 9525A

CDXM3201 - Specifications for the 9502

## CHANGE PARTS

This unit requires the use of Change Parts for testing ends; Change Parts are not required for can testing. Please refer to the following documents for details regarding the Change Parts available for this unit:

9756 / 9757 / 9758 / 9759

CDLC11## - Advertising Flier

CDXC11## - Change Parts Specifications

## OPTIONS

Options specified when ordering the 9524A 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, including specification sheets and Change Parts fliers and specifications.

The 9524A Enamel Rater System requires the use of Change Parts to test ends. Change Parts must be ordered separately; see the accompanying literature.

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