

CDLM1505

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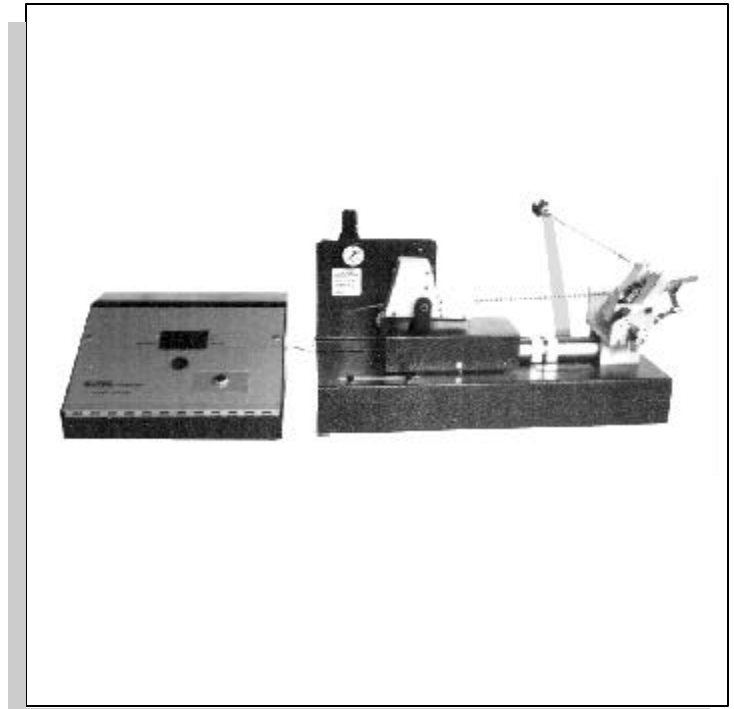
MODEL

9223BE2

POP/TEAR TESTER FOR DETACHABLE/NON-DETACHABLE TAB BEVERAGE ENDS

FEATURES

- INDUSTRY STANDARD
- TESTS WIDE VARIETY OF ENDS
- 7 SAMPLE TEST ANGLES POSSIBLE
- AIR/HYDRAULIC CONTROL
- RELIABLE LOAD CELL DESIGN
- DIGITAL DISPLAY OF RESULTS
- RS-232 COMMUNICATION CAPABILITY
- AUXILIARY ANALOG OUTPUT
- WIDE RANGE OF CHANGE PARTS



LATEST MODEL MAY VARY SLIGHTLY FROM PHOTO

DESCRIPTION

The MODEL 9223BE2 Pop/Tear Tester is used to determine the forces required to both "pop" the tab on a beverage end and to pull the tab back. The 9223BE2 can also determine the force required to cause the tab or its retaining rivet to abnormally fail.

OPERATION

An appropriate set of Change Parts, determined by the sample type and size, are installed on the unit. A sample is placed in the Change Part and a hook is attached to the tab. The tab is then pulled to either determine the force required to "pop" the tab and then pull the tab back, or to break the tab or its retaining rivet. At the conclusion of each test, failure forces are displayed on the front panel of the Digital Monitor.

PRODUCT OVERVIEW

The MODEL 9223BE2 Pop/Tear Tester was designed to determine the forces required to first "pop" a beverage end tab at it's score, and then pull the tab back. The 9223BE2 can also determine the force required to cause failure of the tab or it's retaining rivet on an unseamed end.

The 9223BE2 provides an industry standard test for determining the force required to open a beverage can tab. It can test detachable tabs and non-detachable tabs on unseamed ends. The unit is also capable of restraining an end and pulling the tab until it breaks, or until it's retaining rivet fails.

The 9223BE2 test sequence is controlled by an air/hydraulic cylinder which ensures constant device speed under varying loads. In addition, the cylinder speed can be adjusted, allowing precise control over the speed of the test cycle.

A load cell is used to determine the forces applied during a test sequence and are indicated on the electronic digital display of the monitor.

This unit provides RS-232 communication capability, allowing test results to be sent to a PC or similar device and an auxiliary analog output for connection to a device such as a recorder.

The 9223BE2 must be fitted with an appropriate set of Change Parts in order to test each specific size and type of sample. These Change Parts are manufactured by the Altek company and are required for operation of the unit.

The 9223BE2 has been designed for safe, trouble-free operation.

APPLICATION NOTES

The 9223BE2 is used when the reliability of a load cell and a digital display with RS-232 communications and analog output are preferred to indicate test results for the "pop/tear" testing of detachable and non-detachable tabs on unseamed sample ends. The 9223BE2 is identical to the older 9223BE, with the exception that the 9223BE does not have RS-232 communication capability.

SPECIFICATIONS

The following documents, describe the specifications for this unit:

CDXH0701 - Specifications for the 9223B1 Test Head

CDXS0501 - Specifications for the 9531D2 Digital Monitor

CHANGE PARTS

This unit requires the use of Change Parts. Please refer to the following documents for details regarding the Change Parts available for this unit:

9777 / 9783

CDLC09## - Advertising Flier

CDXC09## - Change Parts Specifications

9780 / 9781 / 9853

CDLC16## - Advertising Flier

CDXC16## - Attachments Specifications

OPTIONS

Options specified when ordering the 9223BE2 include the following:

Input Line Voltage

Digital Display Readout Units

Serial Communication Settings

ACCESSORIES

Accessories for this unit include:

9844 - Calibration Weights (English or Metric)

CDLA09## - Advertising Flier

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 9223BE2 Pop/Tear Tester requires the use of Change Parts, which must be ordered separately; see the accompanying literature.

Options are specified when the unit is ordered.

The 9223BE2 is ordered by requesting the 9223BE2 Customer Order Guide from the Altek Sales Department. The Order Guide, which is filled out by the customer and returned to Altek, provides Altek with the information necessary to process an order for this unit.

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

CDXM1501.003

9223BE2 ECO SHEET

SYSTEM COMPONENT ARRANGEMENTS ARE SUBJECT TO CHANGE WITHOUT NOTICE

MODEL: 9223BE2 POP/TEAR TESTER (TABS)

EFFECTIVE DATE: APR 11, 1994

TEST HEAD: 9223B1 Test Head CDXH0701 (SPECIFICATIONS)

OUTPUT MONITOR: 9531D2 Digital Monitor.. CDXS0501 (SPECIFICATIONS)