

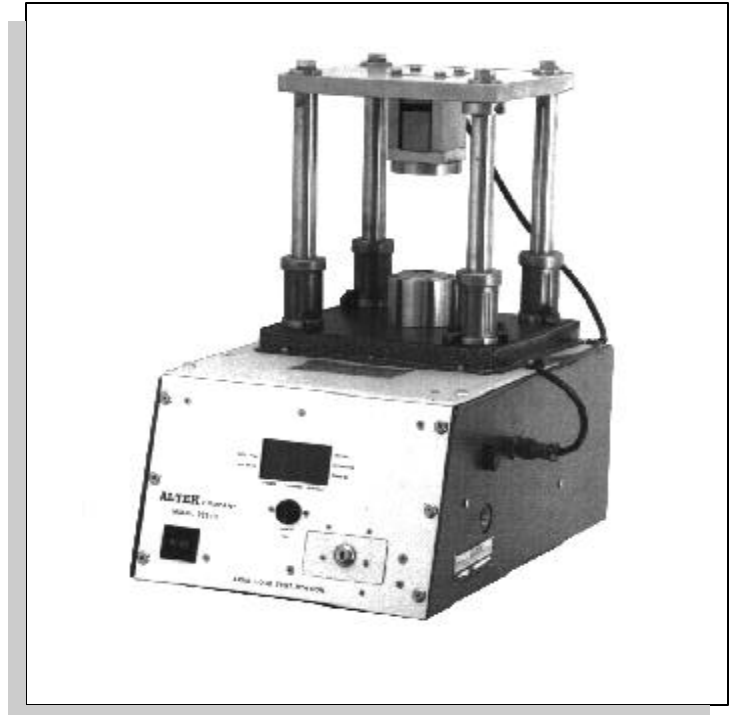
MODEL

9221CA2

AXIAL LOAD TEST STATION FOR LIGHT-WEIGHTED BEVERAGE CANS

FEATURES

- **INDUSTRY STANDARD**
- **EXCEPTIONALLY PARALLEL PLATENS**
- **DURABLE LOAD CELL DESIGN**
- **MICROPROCESSOR CONTROLLED**
- **DIGITAL DISPLAY OF RESULTS**
- **RS-232 COMMUNICATIONS CAPABILITY**
- **MECHANICAL OVERLOAD PROTECTION**
- **UNIQUE CHANGE PARTS ELIMINATE NEED FOR HEIGHT ADJUSTMENTS**
- **AUXILIARY ANALOG OUTPUT (OPTIONAL)**



LATEST MODEL MAY VARY SLIGHTLY FROM PHOTO

DESCRIPTION

The MODEL 9221CA2 Axial Load Test Station is used to determine the load carrying capacity of light-weighted beverage cans. The 9221CA2 displays the peak force that is applied to a sample before it collapses or otherwise fails.

OPERATION

An appropriate set of Change Parts, determined by the can type and size being tested, are installed on the unit. A sample is placed between the Change Part and loading disk suspended from the upper plate and is compressed until it fails. The peak force is registered on the digital display.

SAFETY

The 9221CA2 safety features include a pneumatic safety valve and load cell overload protection for safe, reliable operation.

PRODUCT OVERVIEW

The 9221CA2 Axial Load Test Station was designed to test the load carrying capacity of light-weighted beverage cans. The 9221CA2 compresses a sample until it fails.

The 9221CA2 incorporates a unique design which ensures parallel application of force to the can during testing.

The 9221CA2 uses plant-supplied air to compress a sample between two platens and a load cell is used to determine the applied force. The test sequence is controlled by the 9221CA2's built-in microprocessor, and the bright, front panel digital display indicates both the load applied during compression and the load at which the sample failed.

This unit provides switch-selectable options which are factory pre-set and customer alterable. These options include parameters such as digital display units. The 9221CA2 provides RS-232 communications allowing test results to be sent to a PC or similar device and an optional auxiliary analog output can also be provided for connection to a device such as a recorder.

The 9221CA2 should 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 suggested for operation of the unit.

The height on this unit is not adjustable; a set of Change Parts is manufactured to fit each specific height of sample being tested on the unit.

The 9221CA2 has been carefully designed to provide years of safe, trouble-free operation.

APPLICATION NOTES

The 9221CA2 is a four-post unit used for light-weighted beverage cans which require the uniform loading provided by the precision-machined Change Parts and platens on this unit. The 9221CA2 is identical to the 9221BA2, with the exception that the 9221BA2 does not have RS-232 communications capability.

SPECIFICATIONS

The following document describes the specifications for this unit:

CDXM4301 - Specifications for the 9221CA2

CHANGE PARTS

This unit should be used with Change Parts. Please refer to the following documents for details regarding the Change Parts available for this unit:

9814 / 9836

CDLC07## - Advertising Flier

CDXC07## - Change Parts Specifications

OPTIONS

Options specified when ordering the 9221CA2 include the following:

Input Line Voltage

Digital Display Readout Units

Serial Communication Settings

Analog Output

ACCESSORIES

Accessories available for this unit include:

9819 - Calibration Cell

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 9221CA2 Axial Load Test Station should be used with Change Parts, which must be ordered separately; see the accompanying literature.

Accessories must also be ordered separately.

Options are specified when the unit is ordered.

The 9221CA2 is ordered by requesting the 9221CA2 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!

