

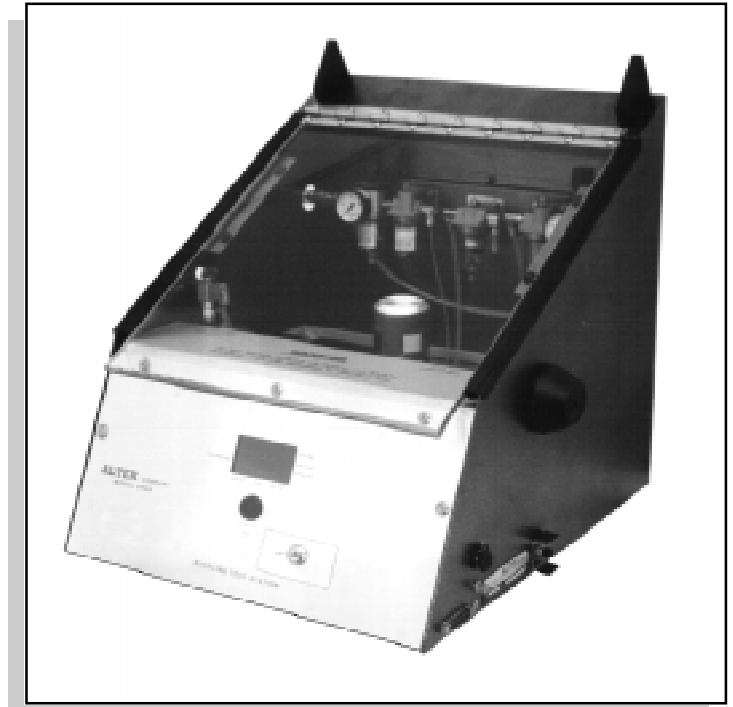
See us on the WEB @
<http://www.altekcompany.com>
or email to
tech@altekcompany.com

MODEL
9009C5

CAN BUCKLING TEST STATION FOR BEVERAGE CANS

FEATURES

- **SPC "IN CONTROL" RATED**
- **MICROPROCESSOR CONTROL OF TEST**
- **HIGH RESOLUTION DIGITAL DISPLAY OF RESULTS**
- **RS-232 COMMUNICATION CAPABILITY**
- **TEST POINT FOR CALIBRATION**
- **WIDE RANGE OF CHANGE PARTS**
- **SELF-ADJUSTING CAN CLAMPS**
- **EXTENSIVE SAFETY FEATURES**
- **ANALOG OUTPUT (OPTIONAL)**



LATEST MODEL MAY VARY SLIGHTLY FROM PHOTO

DESCRIPTION

The MODEL 9009C5 Can Buckling Test Station is used to determine the pressure at which the bottom dome of a beverage can fails. The failure pressure is registered upon reversal of the can's bottom dome.

OPERATION

An appropriate set of Change Parts, determined by the can type and size being tested, are installed on the unit. A can is clamped in place and a test sequence is initiated. The can is pressurized at a pre-determined rate until the bottom dome fails; the pressure at which the can failed is indicated on the front-panel mounted digital display.

SAFETY

The 9009C5 safety features include a front shield interlock, automatic venting of pressurized air after testing, and a strategically-located clamp control which prevents the accidental release of a pressurized can.

PRODUCT OVERVIEW

The 9009C5 Can Buckling Test Station was designed to test the failure pressure of the bottom of a beverage can by gradually pressurizing the can and displaying the pressure at which the bottom dome fails.

The 9009C5 uses plant-supplied air to pressurize a can sample. The test sequence is controlled by the 9009C5's built-in microprocessor, and a bright, front panel mounted digital display indicates both the internal pressure of the sample as it is being filled and the pressure at which the sample fails.

This unit provides switch-selectable test or calibration modes, and provides a test point to which a calibration accessory can be attached for calibrating the unit. An optional auxiliary analog output can be provided for connection to a device such as a recorder. The 9009C5 provides RS-232 communications capability, allowing test results to be sent to a PC or similar device.

The 9009C5 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 9009C5 incorporates the use of pneumatic clamps to hold the can in place, helping to prevent can blow-off during testing. Various guards and shields, shield interlocks, and strategic switch locations help to ensure safe operation of the 9009C5 Can Buckling Test Station.

APPLICATION NOTES

The 9009C5 is normally used when a high-resolution digital display and an RS-232 compatible output are desirable. The 9009C5 is identical to the older 9009C2, with the exception that the 9009C5 tester produces high resolution test results suited for SPC data gathering requirements, and test parameters are no longer customer-selectable.

SPECIFICATIONS

The following document, describes the specifications for this unit:

CDXM48## - Specifications for the 9009C5

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:

CDLC01## - Advertising Flier

CDXC01## - Change Parts Specifications

OPTIONS

Options specified when ordering the 9009C5 include the following:

Input Line Voltage

Digital Display Readout Units

Pressurization Rates

Serial Communication Settings

Analog Output

ACCESSORIES

Accessories available for this unit include:

9835 - Calibration Plug

CDLA07## - Advertising Flier

CDXA07## - Specifications for the 9835

9842 - Digital Pressure Calibrator

CDLA08## - Advertising Flier

CDXA08## - Specifications for the 9842

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 9009C5 Can Buckling Test Station requires the use of 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 9009C5 is ordered by requesting the 9009C5 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!

CDXM4801.009

9009C5 SPECIFICATIONS

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

MODEL: 9009C5 CAN BUCKLING TEST STATION
CHANGE PARTS SPECIFICATIONS: .. C01 (CDXC0101)
EFFECTIVE DATE: NOV 1, 2000

& DENOTES OPTIONS SPECIFIED BY CUSTOMER

* DENOTES FIELD ALTERABLE OPTIONS INITIALLY SPECIFIED BY CUSTOMER

WEIGHT/DIMENSIONS: 74# / 21"l X 20"w X 22"h

ENVIRONMENT: Temperature 50 - 105 degrees F
Humidity 80% max

ELECTRICAL: Supply Connection standard 3-prong grounded
& Supply Voltage {115, 230} vac
Supply Frequency 50/60 hz, single phase
Supply Protection 15 amp max
Operating Current 1 amp max

PNEUMATIC: Supply Connection male 1/8 npt fitting
Supply Pressure 140 - 300 psig
Supply Delivery 1 cfm min
Test Lubrication Rate .. 1 drop in 1 minute @ 125 psig
Lubricating Oil MOBIL DTE LIGHT or equiv.

OPERATION: Mode Switch Test or Calibrate
Calibration Adjust Inside panel control
External Regulator 140 psig ñ 5 psig
Test Pressure 125 psig ñ 1 psig
Clamp Pressure 80 psig ñ 2 psig
O-Ring Lubrication PARKER SUPER O-LUBE or equiv
* Failure Sensitivity ... 2.5 psig (default)
Breakpoint 80 psig
Fill Rates (Below BP) .. 10 psig/sec
Fill Rates (Above BP) .. 1.5 psig/sec
Flow Rate 0-100 psig in 3.5 to 3.75 sec
Sample Capacity 200 - 307 dia x 800 max hgt
(2" to 3 7/16" by 8" max)

OUTPUT: Display 3 1/2 digit 0.560" red LED
* Units (psig, kPa, kg/cm²)
Resolution 000.0 psig
..... 000. kPa
..... 0.00 kg/cm²
Max Pressure 140.0 psig
..... 965 kPa
..... 9.84 kg/cm²
& Recorder Output 0-1 vdc analog
Auxilliary Output 25 pin RS-232 serial
* Communications 9600, 8 bit, 1 stop, no parity
(default settings)