

MODEL 9009G

CAN BUCKLING TEST STATION FOR BEVERAGE CANS

FEATURES

- ***NO CHANGE PARTS REQUIRED!***
 - UNIVERSAL CAN HOLDER TESTS 200 - 211 DIAMETERS AT ANY HEIGHT
 - TESTS NECKED OR STRAIGHTWALL CANS
- **HIGH RESOLUTION DIGITAL DISPLAY**
- **RS-232 COMMUNICATION CAPABILITY**
- **MICROPROCESSOR CONTROL OF TEST**
- **SELF-ADJUSTING CAN CLAMPS**
- **EXTENSIVE SAFETY FEATURES**
- **AUXILIARY ANALOG OUTPUT (OPTIONAL)**



LATEST MODEL MAY VARY SLIGHTLY FROM PHOTO

DESCRIPTION

The MODEL 9009G 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

A can is placed on the universal can holder and is pressurized at a specified rate until the bottom dome fails. The pressure at which the can failed is indicated on the front panel digital display.

SAFETY

The 9009G safety features include front door interlocks and automatic venting of pressurized air after testing.

PRODUCT OVERVIEW

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

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

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

The 9009G does not require the use of change parts; it is capable of testing any can body or neck diameter from 200 - 211 with no restriction in can height.

The 9009G incorporates the use of various guards and door interlocks, and strategic switch locations help to ensure safe operation of the unit.

APPLICATION NOTES

The 9009G is used for beverage can buckle testing when desirable features such as a high-resolution digital display and an RS-232 compatible output are required. The 9009G tester produces high resolution test results suited for SPC data gathering requirements. Most important, the 9009G tests all 200 - 211 diameter cans at any height without the need for change parts.

SPECIFICATIONS

The following document describes the specifications for this unit:

CDXM56## - Specifications for the 9009G

OPTIONS

Options specified when ordering the 9009G include the following:

Input Line Voltage

Digital Display Readout Units

Serial Communication Settings

Pressure Increase Rates
(single or dual with breakpoint)

Analog Output

ACCESSORIES

Accessories available for this unit include:

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 / order guide.

Options are specified when this unit is ordered; see the accompanying literature.

Accessories must also be ordered separately; see the accompanying literature.

The 9009G is ordered by requesting the 9009G Specification / 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!

9009G CAN BUCKLING STATION SPECIFICATIONS / ORDERGUIDE

please complete and return to ALTEK

CUSTOMER NAME _____
ADDRESS _____

PURCHASING CONTACT _____ TEL # _____
FAX # _____
PROD, QC,QA CONTACT _____ TEL # _____
FAX # _____

UNIT WEIGHT / DIMENSIONS: (NET) 130# 20" D X 18" W X 35" H

PNEUMATIC REQUIREMENTS: SUPPLY PRESSURE - 150-300 PSIG DRY AIR OR NITROGEN
SUPPLY CONNECTION - 1/8 NPT MALE FITTING

VOLTAGE REQUIREMENTS: (SELECT SETTING)

_____ 110VAC _____ 60HZ _____ OTHER - (CONTACT ALTEK ENGINEERING)
_____ 220VAC _____ 50HZ

SUPPLY CONNECTION- STANDARD 3-PRONG GROUNDED
OPERATING CURRENT- 1 AMP MAX.

NOTE: ALL ALTEK EQUIPMENT IS DESIGNED FOR SINGLE PHASE ELECTRICAL USE ONLY! FAILURE TO CONNECT PROPERLY WILL RESULT IN PERMANENT DAMAGE TO THE EQUIPMENT.

UNIT SAMPLE CAPACITY: 202 - 211 BODY DIA. X 800 HIGH

OPERATING SPECIFICATIONS:

EXTERNAL PRESSURE REGULATOR 140PSIG NOMINAL - 150 PSIG MAX
TEST PRESSURE REGULATOR 125PSIG NOMINAL - 140 PSIG MAX
CLAMP PRESSURE REGULATOR (REFER TO OPERATING INSTRUCTIONS)
SEAL PRESSURE REGULATOR (REFER TO OPERATING INSTRUCTIONS)

SAMPLES: TO ENSURE PROPER OPERATION OF THE UNIT PLEASE SEND 24 SAMPLE CANS TO ALTEK IN EACH SIZE AND TYPE IN THE CONDITION TO BE TESTED ON THIS SPECIFIC UNIT.

PLEASE LIST BELOW ALL CAN SIZES TO BE TESTED ON THIS UNIT.

Necked cans - (___ Neck Dia. / ___ Body Dia. X ___ Height)

Straightwall cans - (___ Body Dia. X ___ Height)

9009G CAN BUCKLING STATION SPECIFICATIONS / ORDERGUIDE

please complete and return to ALTEK

UNITS OF MEASUREMENT OPTIONS:

DISPLAY READOUT UNITS: (SELECT ONE SETTING)

- PSIG, 140 MAX. PRESSURE AT A RESOLUTION OF 0.1 PSIG
 KG/CM², 9.84 MAX. PRESSURE AT A RESOLUTION OF 0.01 KG/CM²
 KPA, 965 MAX. PRESSURE AT A RESOLUTION OF 1. KPA

PRESSURIZATION RATES: (SELECT ONE SETTING EACH CATEGORY)

BREAKPOINT: 70 PSIG 80 PSIG OTHER (CONTACT ALTEK ENGINEERING)

RATES: 0-BREAKPOINT @ 10PSIG/SEC, BREAKPOINT TO BUCKLE @ 1.5PSIG/SEC
 0-BREAKPOINT @ 10PSIG/SEC, BREAKPOINT TO BUCKLE @ 5PSIG/SEC
 OTHER (CONTACT ALTEK ENGINEERING)

SERIAL COMMUNICATION OPTIONS: (25 PIN RS-232) (SELECT ONE SETTING EACH CATEGORY)

BAUD RATE - 9600 4800 1200 300
 7200 2400 600 110

DATA & STOP BIT - 8 DATA BITS, 1 STOP BIT 7 DATA BITS, 1 STOP BIT
 8 DATA BITS, 2 STOP BITS 7 DATA BITS, 2 STOP BITS

PARITY - ODD PARITY, PARITY OFF ODD PARITY, PARITY ON
 MARK PARITY, PARITY OF MARK PARITY, PARITY ON
 EVEN PARITY, PARITY OFF EVEN PARITY, PARITY ON
 SPACE PARITY, PARITY OFF SPACE PARITY, PARITY ON

NOTE: IF UNABLE TO COMPLETE SELECTION ABOVE ALTEK WILL SET TO DEFAULT: 9600 BAUD, 8 DATA BITS, 1 STOP BIT, ODD PARITY / PARITY OFF. SETTINGS ARE FIELD ADJUSTABLE FROM MENU ABOVE.

ACCESSORIES:

9842 DIGITAL PRESSURE CALIBRATOR: YES NO
SELECT UNITS: PSIG KPA Kg/cm²

NOTE: IF YOU HAVE ANY TESTING REQUIREMENTS THAT ARE NOT COVERED BY THE PARAMETERS ON THIS ORDER GUIDE PLEASE CONTACT THE "TECH" PRODUCTS ENGINEERING DEPARTMENT. ALTEK COMPANY CAN CUSTOMIZE TESTERS TO MEET SPECIAL CUSTOMER SPECIFICATIONS.

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