

MODEL

9408B1

HYDROSTATIC TESTER FOR AEROSOL CANS

FEATURES

- **ACCEPTS CSMA 1" CURL CANS**
- **TESTS WITH HIGH-PRESSURE WATER**
- **AIR-OPERATED BOOSTER PUMP**
- **DUAL FILL RATES**
- **ACCURATE FRONT PANEL GAUGE**
- **LAZY HAND INDICATOR**
- **INTERLOCKS FOR SAFE OPERATION**
- **DETECTS 3 FAILURE MODES**
TOP DEFORMATION
BOTTOM DEFORMATION
SEAM BURST STRENGTH



LATEST MODEL MAY VARY SLIGHTLY FROM PHOTO

DESCRIPTION

The MODEL 9408B1 Hydrostatic Tester is used to test the buckle and burst pressures of CSMA 1" curl aerosol cans. The 9408B1 tests top dome buckle, bottom buckle, and double seam burst pressures for aerosol cans. When used with an optional Change Part, the 9408B1 can also test aerosol can side seam or side wall failure.

OPERATION

An aerosol can is mounted in the 9408B1 tester and pressurized with water. At various stages of pressurization the can will buckle, and if applicable, eventually burst. Pressures are indicated on the front panel gauge.

SAFETY

The 9408B1 safety features include chamber interlocks, the use of water to pressurize the sample in order to avoid hazardous pressure build-up, and a sturdy test chamber which provides operator protection.

PRODUCT OVERVIEW

The MODEL 9408B1 Hydrostatic Tester was designed to determine the buckle and burst pressures of CSMA 1" curl aerosol cans. In addition, the 9408B1 can determine the side seam or wall failure pressure of a sample. These buckle and failure pressures are obtained by pressurizing the can with water until the respective failures occur.

The 9408B1 accepts all CSMA 1" curl aerosol cans.

The 9408B1 pressurizes a sample with high-pressure water. The unit utilizes an air-operated booster pump to achieve the high water pressures required for testing aerosol cans.

A front panel mounted valve provides simple control over filling of the sample, allowing both slow and fast fill rates. During the test sequence, pressure inside the sample is indicated on the large front panel gauge with a lazy hand indicator.

The 9408B1 does not require the use of Change Parts to test standard CSMA 1" curl cans unless side seam failure pressures are to be determined. To determine side seam failure pressures of 3-piece cans, a set of Change Parts manufactured by Altek to accept a specific size and type of can must be used.

The 9408A1 is ruggedly constructed, and should provide years of safe, dependable operation.

APPLICATION NOTES

The 9408B1 is used when CSMA 1" curl aerosol cans are being tested. Change Parts are not necessary unless side seam failure pressure is to be determined for 3-piece cans.

Aerosol cans with a 20mm opening can also be tested on this unit with the use of an additional fixture.

SPECIFICATIONS

The following document describes specifications for this unit:

CDXM7201 - Specifications for the 9408B1

CHANGE PARTS

This unit requires the use of Change Parts if side seam failure is to be tested; Change Parts are not required for top buckle, bottom buckle, and double seam burst pressure testing. Please refer to the following documents for details regarding the Change Parts available for this unit:

CDLC10## - Advertising Flier

CDXC10## - Change Parts Specifications

OPTIONS

Options specified when ordering the 9408B1 include the following:

English or Metric Gauge Units

20mm Test Fixture

ORDERING NOTE

Customer samples **MUST** be supplied to Altek to ensure proper manufacture of the 9408B1 Tester, even if Change Parts are not being used! Altek uses the sample to verify proper fit and sealing of the samples to the 9408B1 test head.

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 9408B1 Hydrostatic Tester requires the use of Change Parts only if side seam rupture pressure is being tested. Change Parts must be ordered separately; see the accompanying literature.

Options are specified when the unit is ordered.

Customer samples are **REQUIRED** in order to ensure proper manufacture and operation of the 9408B1 Tester.

The 9408B1 is ordered by requesting the 9408B1 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!

