

MODEL

9408D2

DIGITAL HYDROSTATIC TESTER FOR AEROSOL CANS

FEATURES

- **ACCEPTS CSMA 1" CURL CANS**
- **TESTS WITH HIGH-PRESSURE WATER**
- **AIR-OPERATED BOOSTER PUMP**
- **DUAL FILL RATES**
- **DIGITAL DISPLAY OF TEST RESULTS WITH PEAK HOLD FEATURE**
- **RS-232 COMMUNICATION CAPABILITY**
- **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 9408D2 Hydrostatic Tester is used to test the buckle and burst pressures of CSMA 1" curl aerosol cans. The 9408D2 tests top dome buckle, bottom buckle, and double seam burst pressures for aerosol cans. When used with an optional Change Part, the 9408D2 can also test aerosol can side seam or side wall failure.

OPERATION

An aerosol can is mounted in the 9408D2 tester and pressurized with water. At various stages of pressurization the can will buckle, and if applicable, eventually burst. Pressures are indicated on the digital display of the monitor mounted at the top right of the unit.

SAFETY

The 9408D2 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. Pressure monitor is housed at top right of unit to avoid contact with water.

PRODUCT OVERVIEW

The MODEL 9408D2 Digital Hydrostatic Tester was designed to determine the buckle and burst pressures of CSMA 1" curl aerosol cans. In addition, the 9408D2 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 9408D2 accepts all CSMA 1" curl aerosol cans.

The 9408D2 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 digital display of the monitor mounted at the top right of the unit.

This unit provides RS-232 communication capability, allowing test results to be sent to a PC or similar device.

The 9408D2 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 9408D2 is ruggedly constructed, and should provide years of safe, dependable operation.

APPLICATION NOTES

The 9408D2 is used when the reliability of a pressure transducer and digital display with RS-232 communications are preferred to indicate test results 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 the specifications for this unit:
Specifications for the 9408D2

CDXH1201 - Specifications for the 9408B3 Test Head

CDXS0901 - Specifications for the 9531D2A Monitor

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 9408D2 include the following:

Input Line Voltage

Digital Display Readout Units

Serial Communication Settings

20mm Test Fixture

ORDERING NOTE

Customer samples MUST be supplied to Altek to ensure proper manufacture of the 9408D2 Tester, even if Change Parts are not being used! Altek uses the sample to verify proper fit and sealing of the samples to the 9408D2 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 9408D2 Digital 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 / Accessories are specified when the unit is ordered.

Customer samples are REQUIRED in order to ensure proper manufacture and operation of the 9408D2 Tester.

The 9408D2 is ordered by requesting the 9408D2 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!