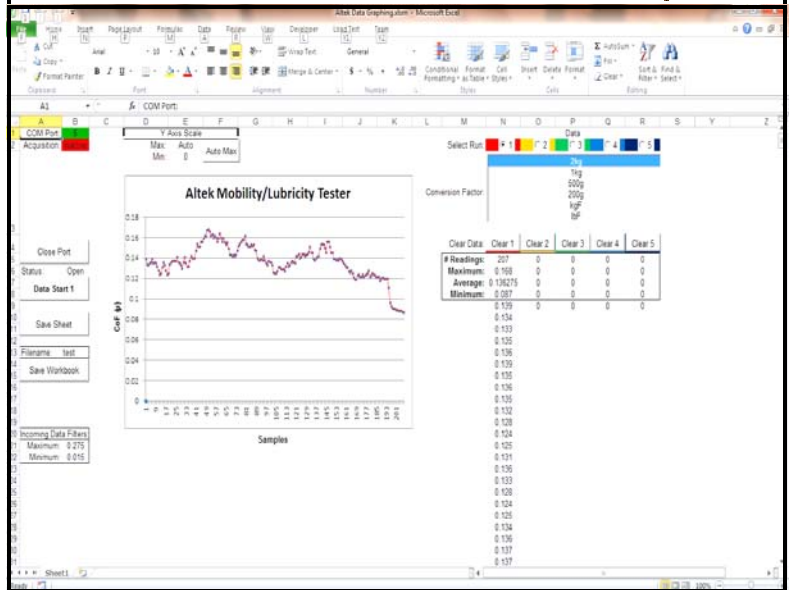
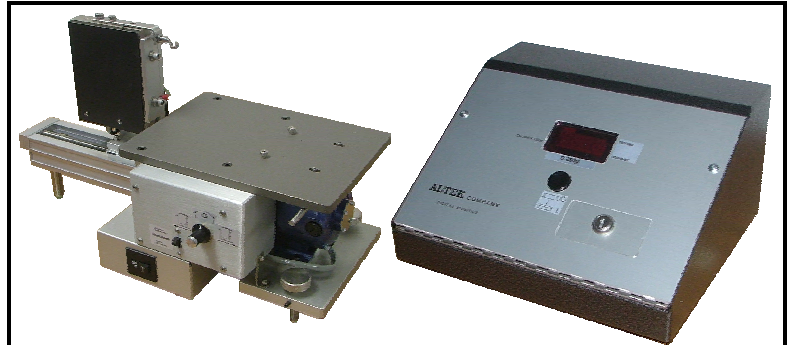


MODEL 9505DAF1C

DIGITAL MOBILITY / LUBRICITY TESTER

FEATURES

- **DIGITAL DISPLAY OF AVERAGE -OR- PEAK RESULTS DIRECTLY ON MONITOR**
- **RESULTS TRANSMITTED VIA RS-232 TO AN EXCEL SPREADSHEET DISPLAYING DATA POINTS AND GRAPH ALONG WITH CALCULATED MINIMUM, MAXIMUM AND AVERAGE VALUES.**
- **MEASUREMENT VIA ELECTRONIC LOAD CELL**
- **QUICK - MOUNT CHANGE PARTS**
- **TESTS CAN BODIES AND BOTTOM**
- **TESTS FLAT SAMPLES**
- **RELIABLE MOTOR-DRIVEN DESIGN**
- **SPEED ELECTRONICALLY CONTROLLED**
- **LEVELING ADJUSTMENT**



DESCRIPTION

The MODEL 9505DAF1C Mobility / Lubricity Tester is used to determine the coefficient of friction of decorated or coated body blanks or cans. The 9505DAF1C tests can bodies, bottoms and many other flat materials as well.

OPERATION

An appropriate set of Change Parts, determined by the type and size of can or sample being tested, are installed on the tester. The sample is mounted on the change part and a test sequence is initiated. By traversing a weight across a flat sample, a can body or a can bottom across a set of polished rods, the average or peak coefficient of friction value is captured and indicated directly on the digital display of the electronic package and transmitted via the RS-232 serial port to an Excel spreadsheet displaying all data points along with calculated minimum, maximum and average values. A Chart of the results is also displayed for easy comparison between tests.

SAFETY

The 9505DAF1C safety features include built-in travel stops and overload protection.

PRODUCT OVERVIEW

The MODEL 9505DAF1C Mobility / Lubricity Tester is used to determine the coefficient of friction of a sample. The 9505DAF1C can test flat samples, formed can bodies, and can bottoms.

The 9505DAF1C is capable of testing the lubricity of a decorated or coated can body or body blank. It can also test the mobility of the bottom of a can body which has not yet had it's end seamed on. In addition, the 9505DAF1C can be used to test the lubricity of a flat sample of almost any type of material.

The design of the 9505DAF1C incorporates a reliable electric motor drive for clean, quiet, trouble-free operation. The speed of the drive is electronically controlled, and is selectable via a front panel switch, providing a constant speed throughout the test cycle.

While the weight is traversed across the sample, the average or peak test result is indicated directly in coefficient of friction units on the digital display of the monitor. Data is also sent via the rs-232 port to an Excel spreadsheet showing a graph and minimum, maximum and average values.

The 9505DAF1C 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.

Built-in leveling feet allow proper leveling (using the bubble level incorporated into the Change Parts) which helps to ensure accurate, reliable test results. The 9505DAF1C should provide years of trouble-free service.

APPLICATION NOTES

The 9505DAF1C is used when the reliability of an electronic load cell and digital electronics with RS-232 communications sending data directly into an Excel spreadsheet is preferred.

SPECIFICATIONS

The following documents describe the specifications for this unit:

CDXH0501 -Specifications for the 9505A3 Test Head

CDXS0801 -Specifications for the 9531DA2F1 Digital Monitor

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:

CDLC12## -Advertising Flier

CDXC12## -Change Parts Specifications

OPTIONS

Input Line Voltage

Serial Communication Settings

TECHNICAL SUPPORT

Altek provides comprehensive technical support to it's 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 9505DAF1C Mobility / Lubricity Tester requires the use of Change Parts, which must be ordered separately; see the accompanying literature. The 9505DAF1C is ordered by requesting the 9505DAF1C Customer Order Guide from the Altek Sales Department.

The Order Guide, which is filled out by the customer and returned to Altek, provides the information necessary to process an order for this unit.

CDXH0501.004

\y9505A3 SPECIFICATIONS

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

MODEL: 9505A3 TEST HEAD

CHANGE PARTS SPECIFICATIONS: .. C12 (CDXC1201)

EFFECTIVE DATE: MARCH 1, 2001

& DENOTES OPTIONS SPECIFIED BY CUSTOMER

WEIGHT/DIMENSIONS: 18# / 20"l x 10"w x 12"h

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

ELECTRICAL: Supply Connection standard 3-prong grounded
& Supply Voltage 115, 230 vac
(Model 9823 Transformer
required for 230 vac operation)
Supply Frequency 50/60 hz, single phase
Supply Protection 15 amp max
Operating Current 1 amp max
Overload Protection ... 0.5 amp circuit breaker

OPERATION: Test Speed dual: 5"/min and 20"/min
Test Travel 3 1/2" (Consult ALTEK for
longer travel lengths)
Sample Capacity 307 dia, 710 hgt (open can),
(3 7/16" dia, 7 10/16" hgt),
6" wide, 8" long (flat sample)

OUTPUT: See Analog Monitor Specifications CDXS04xx.xxx
or
Digital Monitor Specifications CDXS08xx.xxx

