

MOBILITY / LUBRICITY TESTER FOR CANS AND FLAT SAMPLES

FEATURES

- **COEFFICIENT OF FRICTION READOUT**
- **VARIABLE OR PEAK READINGS OBTAINED VIA ANALOG ELECTRONIC METER**
- **MEASUREMENT VIA ELECTRONIC LOAD CELL**
- **RECORDER FOR PLOTTING RESULTS**
- **QUICK MOUNT- CHANGE PARTS**
- **TESTS CAN BODIES AND BOTTOMS**
- **TESTS FLAT SAMPLES**
- **RELIABLE MOTOR-DRIVEN DESIGN**
- **SPEED ELECTRONICALLY CONTROLLED**
- **LEVELING ADJUSTMENT**



**9505A4 Test
Head**

**9531A
Monitor**

9825 Recorder

DESCRIPTION

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

OPERATION

An appropriate set of Change Parts, determined by the size and type 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 diameter or a can bottom across a set of polished rods, the coefficient of friction is determined and indicated directly on the electronic analog meter.

SAFETY

The 9505BER safety features include build-in travel stops and overload protection.



PRODUCT OVERVIEW

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

The 9505BER 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 its end seamed on. In addition, the 9505BER can be used to test the lubricity of a flat sample of almost any type of material.

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

The 9505BER test results are indicated directly in coefficient of friction units on the electronic analog meter. The gauge incorporates two reading modes. The Test mode displays only the maximum or peak results. The Cal mode, displays the range of results while the weight is being traversed across the sample. The unit also utilizes a chart recorder which provides a permanent hardcopy record of test results.

The 9505BER 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 9505BER should provide years of trouble-free service.

APPLICATION NOTES

The 9505BER is used when the reliability of an electronics package is preferred over a mechanical gauge for the indication of test results. The 9505BER also provides the user with a hardcopy pen plot of coefficient of friction vs. time of the sample under test.

SPECIFICATIONS

The following document describes the specifications for this unit:

CDXM0501 – Specifications for the 9505A3 Test Head

CDXS0401 – Specifications for the 9531A2 Analog meter

CDXS0201 – Specifications for the 9825-2 Recorder

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

Options specified when ordering the 9505BER include the following:
Input Line Voltage

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.

ORDERING INFORMATION- To purchase this product:

This flier is supplemented by additional literature in the form of a specification sheet.

The 9505BER Mobility/Lubricity Tester requires the use of Change Parts, which must be ordered separately; see the accompanying literature.

The 9505BER is ordered by requesting the 9505BER 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.

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