



UNIVERSAL LAMP BASE TORQUE TESTER

General Description

The Lighting Sciences Model Number 1100 Torque Tester is designed to allow testing organizations to measure specific failures and establish standards for the safety of citizens installing and removing lamps. The Torque Tester provides a breaking torque under two conditions. The first is measured during the failure of the lamp bulb wall where during installation the lamp separates from the base resulting in an implosion. The second condition is where the lamp base strips the threads of the socket resulting in improper lamp installation. Both conditions can result in injuries in the field. The torque tester allows both conditions to be measured safely within a laboratory without injuries.

Features and Benefits

Protective Cover -- The clear heavy-duty test chamber allows visual inspection during the test and contains all broken glass and debris. The chamber also allows for high speed photography of the lamp if desired.

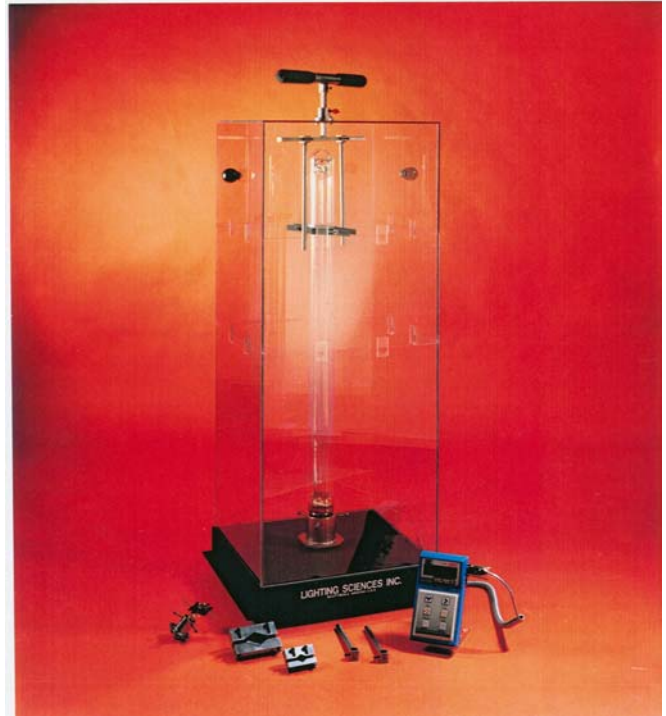
Lamp Base Mounting Fixtures -- Supplied with two. Fits all commonly used lighting sockets (automotive and street lighting applications)

Variable Diameter Clamping fixtures -- Supplied with two. One for small automotive lamp bulbs. One for medium base lamps. Other sizes available upon request.

Digital Torque Measurement Display -- Automatically captures torque during separation. Stores measurement in memory. Large Four digit display allows for easy measurement verification.

Specifications

1. Model Number -- 1100
2. Width -- 500mm (20 in.)
3. Length -- 460mm (18 in.)
4. Height -- 600mm (24 in.)
5. Weight -- 14 Kg. (30 lbs.)



About Lighting Sciences Inc.

Founded in 1979 by Dr. Ian Lewin, Ph.D., FIES, Lighting Sciences Inc. is the leader in technological photometric advancements. Only LSI has the technical staff capable of solving problems and providing products and services in all of the following areas.

- Lighting Test Equipment
- Raymaster® Software Products
- Illuminating Engineering (Design and Performance analysis)
- Independent Testing Services

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“Excellence in Photometrics”