Luceo Strain Meter

LSM Compact Series

Compact, light weight and easy to carry. Most suitable for inspections of parts and products with relatively small sizes, such as halogen lamps, lenses and prisms.

Two operational types, that is, Crossed Nicol Method with LSM-2001 and Circularly Polarized Light Method with LSM-2002 are available.

LSM-2001

This meter is of the Crossed Nicol type. With this meter, the occurrence and distribution state of strain can be clearly observed.

Applications:

- For inspections of glassware with small sizes
- For setting up conditions and inspections at processing molded plastic products with small sizes, and so on

LSM-2002

This meter is of the circularly polarized light type. With this meter, distribution pattern of strain will never change even though an object to be observed is rotated.

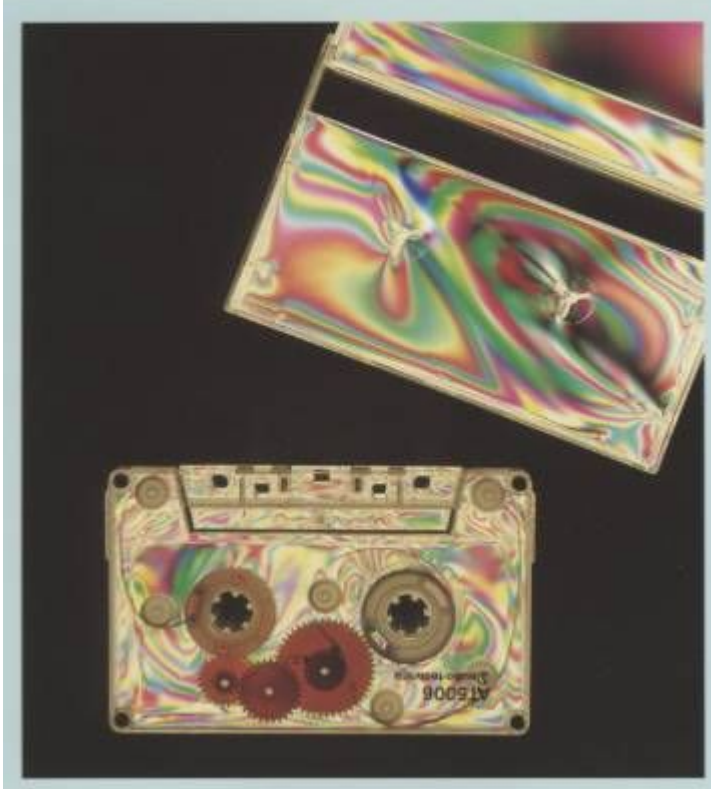
Applications:

- For inspections of products with small sizes, such as halogen lamps
- For inspections of parts with small sizes, such as lenses and prisms, and so on

luceo

Compact, light weight, and easy to carry.

Luceo Strain Meter, LSM Compact Series



LSM-2001

For transparent glasses and plastic materials, strain, fine dusts, pinholes, etc. can be clearly observed with this type. This type can be utilized for inspections of glassware with small sizes and for checking pinholes in plastic films.

Since flowage states of plastic materials for molding (stress flow within a matter) can be observed with this type, it is feasible to check a sample for molding to know its flowage state, thereby determining if processing conditions for moldings are appropriate or not. With such a procedure, the efficiency in the production process can be improved.

LSM-2002

Distribution patterns of strain that appear in figures of tone will never change even if an object made of transparent glass and a plastic material for observation is rotated within a plane of a sample stage in any direction. Since this type is made in a compact size, it is intended to be used for inspections of parts and products with relatively small sizes, such as halogen lamps, lenses and prisms. With this type, the object for observation can be inspected simply while holding the object with fingers. Furthermore, since an analyzer is set in an inclined state, an operator may continuously use this type while sitting on a chair. Accordingly, it is expectable to greatly improve operational efficiency for inspections, particularly in inspection departments where all products have to be inspected.

Specification

Details	LSM-2001
Appearance and Dimension	W180×D245×H264mm
Weight	3.0Kg
Inspection Method	Crossed Nicol Method
Effective Dimension of Sample Stage	W120×D80mm
Light Source	Fluorescent Lamp 4W, Daylight Color
Power Source	AC100V
Attachments	Main Body Cover, Spray Cleaner Solution, 1 piece for each

Details	LSM-2002
Appearance and Dimension	W180×D245×H264mm
Weight	3.0Kg
Inspection Method	Circularly Polarized Light Method
Effective Dimension of Sample Stage	W120×D80mm
Light Source	Fluorescent Lamp 4W, Daylight Color
Power Source	AC100V
Attachments	Main Body Cover, Spray Cleaner Solution, 1 piece for each

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