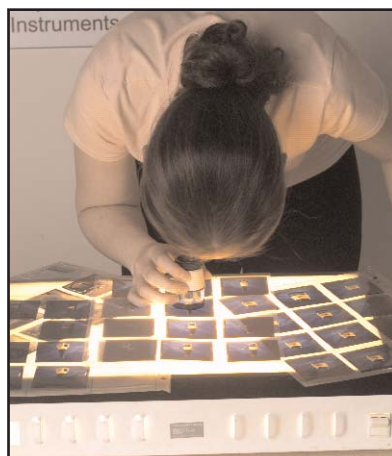


MAG 6 and MAG 7 Magnifiers



Typical Applications

Used in:

- ◆ Industrial and Commercial Photography
- ◆ Cartography
- ◆ Calligraphy
- ◆ Navigation
- ◆ Building Industry
- ◆ Banking
- ◆ Production Control
- ◆ Engineering
- ◆ Forensic Science
- ◆ Education and Research
- ◆ Textile Manufacture
- ◆ Philately

Used for:

- ◆ The examination of tools, cutters and dies
- ◆ The examination of printed circuit boards and artworks
- ◆ The measurement of print lines and characters
- ◆ Crack and fault evaluation in concrete, metals and other materials
- ◆ Optical character recognition
- ◆ Identification of thread pitch and diameter

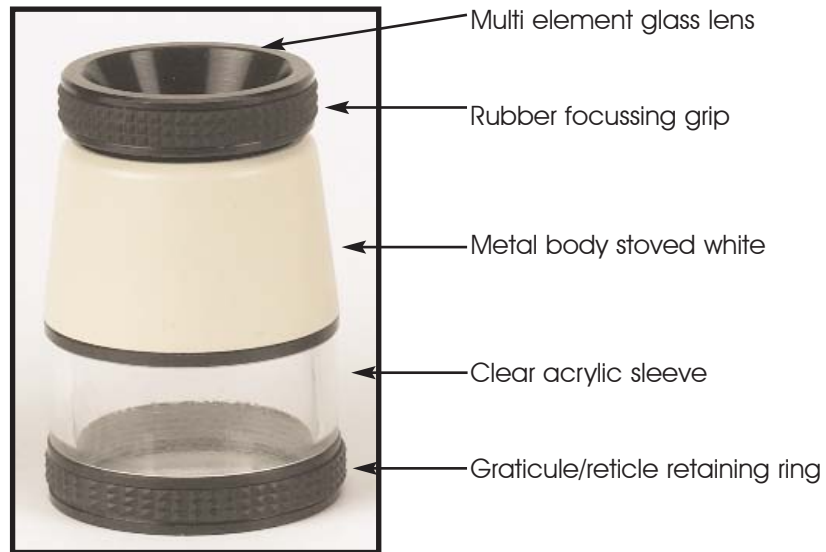
MAG 6 and MAG 7 Magnifiers offer a superior solution to the optical inspection and measurement requirements across a wide range of manufacturing industries. From simple magnifiers to magnifiers with graticules/reticles, the Pyser-SGI Inspecta range offers both standard and custom made products.

Pyser-SGI has been manufacturing optics for over 75 years, and has built up a strong reputation for offering high quality, robust components and systems.

MAG 6 Measuring Magnifier - x8

Ordering Information

Cat. Ref: MAG6
Order Code: 50E02000



A range of hand-held magnifiers for measurement and inspection. Their robust construction and flat field, all glass optics, make them ideal aids for those concerned with inspection, quality control, drafting, photography, map making, electronics etc. The clear base allows ample light to fall on the specimen surface being measured, and the eye lens can be focussed.

Interchangeable graticules (reticles) can be fitted in the base ring to suit the measurement purpose (see the back page of this leaflet). The MAG 6 Measuring Magnifier is supplied with a robust leatherette case.

Magnification: x8
Height: 65mm
Field of View: 25mm
Overall Diameter: 40mm

MAG 6A Inspection Magnifier - x8

Ordering Information

Cat. Ref: MAG6A
Order Code: 50E02002

Magnification: x8
Height: 65mm
Field of View: 25mm
Overall Diameter: 40mm

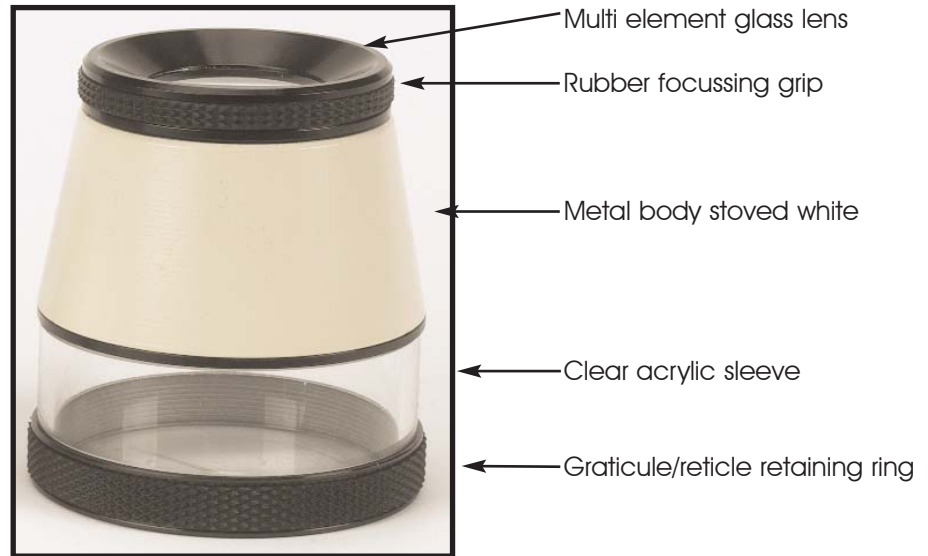


This magnifier is similar to the MAG 6, but has an extended acrylic-base instead of the graticule retaining ring. This allows more light to fall on the surface of the specimen. However, unlike the MAG 6 there is no facility for a graticule to be fitted. The MAG 6A Inspection Magnifier is supplied with a robust leatherette case.

MAG 7 Measuring Magnifier - x4

Ordering Information

Cat. Ref: MAG7
Order Code: 50E02014



Used when the field of view covered is more important than the power of magnification. The field of view is more than 3 times that covered by MAG 6 whereas magnification is only reduced by half. The instrument is suitable for use for all the same purposes as MAG 6 and has the facility for a graticule (reticle) to be fitted (see the back page of this leaflet). The MAG 7 Measuring Magnifier is supplied with a robust leatherette case.

Magnification: x4
Height: 60mm
Field of View: 85mm
Overall Diameter: 73mm

MAG 7A Inspection Magnifier - x4

Ordering Information

Cat. Ref: MAG 7A
Order Code: 50E02015

Magnification: x4
Height: 60mm
Field of View: 85mm
Overall Diameter: 73mm



The acrylic tube is extended to the base of the magnifier to allow more light to fall on the surface of the specimen. However, there is no facility for a graticule to be fitted. The MAG 7A Measuring Magnifier is also supplied with a robust leatherette case.

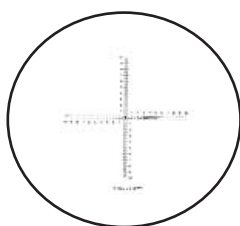
Graticules/Reticles for MAG 6 Measuring Magnifier



Horizontal Scale
25mm/0.1mm

Cat. Ref: M6T1

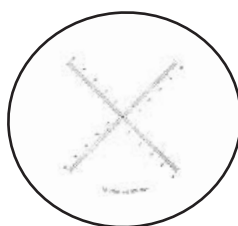
Order Code: 50B02003 - Std
50B02003R - Red
50B02003W - White



Crossed Scale
20mm/0.1mm

Cat. Ref: M6T3

Order Code: 50B02005 - Std
50B02005R - Red
50B02005W - White



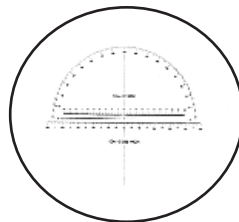
Crossed Scale
1inch/0.005ins

Cat. Ref: M6T4

Order Code: 50B02006 - Std
50B02006R - Red
50B02006W - White

Standard graticules are on glass discs with black metalised opaque lines best suited for light backgrounds.

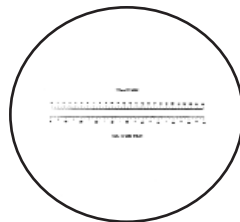
For dark backgrounds red and white line graticules are also available.



Combination Scale and Protractor

Cat. Ref: M6T8

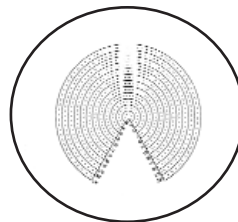
Order Code: 50B02007 - Std
50B02007R - Red
50B02007W - White



Inch/Metric Scale
25mm/0.1mm
1"/0.005"

Cat. Ref: M6T20

Order Code: 50B02008 - Std
50B02008R - Red
50B02008W - White



Concentric Circles
2-24mm dia

Cat. Ref: M6T50

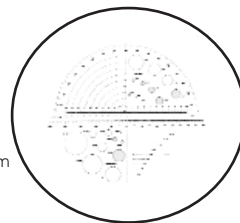
Order Code: 50B02009 - Std
50B02009R - Red
50B02009W - White



Centre Zero Centre
24mm in 0.1mm

Cat. Ref: M6T10

Order Code: 50B02004 - Std
50B02004R - Red
50B02004W - White



Multipurpose

Cat. Ref: M6T40

Order Code: 50B02050 - Std
50B02050R - Red
50B02050W - White



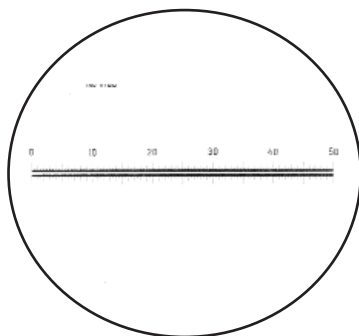
OCR-B

Cat. Ref: M6T85

Order Code: 50B02055 - Std

N.B. Artist's impression of Graticules/Reticles for guidance only

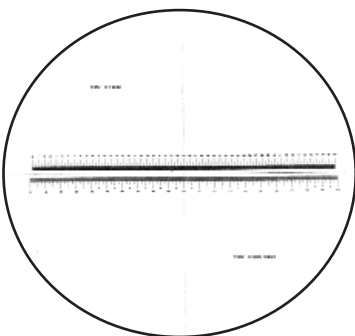
Graticules/Reticles for MAG 7 Measuring Magnifier



Horizontal Scale
50mm/0.1mm

Cat. Ref: M7T100

Order Code: 50B02016 - Std
50B02016W - White



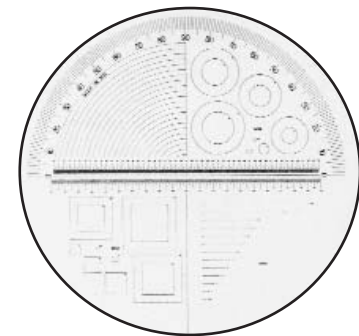
Inch/Metric Scale
50mm/
0.1mm
2"/0.005"

Cat. Ref: M7T108

Order Code: 50B02017

Standard graticules are on glass discs with black metalised opaque lines best suited for light backgrounds.

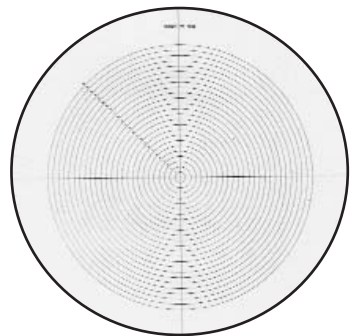
For dark backgrounds red and white line graticules are also available.



Multipurpose

Cat. Ref: M7T109

Order Code: 50B02018



Concentric Circles
2-50mm dia

Cat. Ref: M7T150

Order Code: 50B02019

Other Products in the Inspecta Range:

- ♦ Portable Microscopes
- ♦ Microscope Components
- ♦ Measuring Scales
- ♦ Video Inspection
- ♦ Depth Scopes
- ♦ Thru Hole Scopes
- ♦ Calibration Products
- ♦ Microscope Systems
- ♦ Co-ordinate Measurement
- ♦ Measuring Microscopes



Pyser-SGI Limited reserves the right to amend these specifications.

Visit our website on www.pyser-sgi.com for further information on the complete range of products available from Pyser-SGI Limited.

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