

**OPTIKA**

M I C R O S C O P E S

I T A L Y



## **POL SERIES**

*Laboratory Polarising Microscopes*





OPTIKA Microscopes belongs to the group "M.A.D. Apparecchiature Scientifiche" and, with its almost 40 years experience in the field of scientific instrumentation, is worldwide known as a leading Company for optical microscopes' production and distribution.

The Company, a team of 70 people in 3 different European locations, is engaged in the development of new models, production, quality control, sales and after-sales service.

OPTIKA microscopes excellence, concerning quality, innovation, competitive prices and customer assistance, reaches the end users through a wide network of national and international distributors.

### B-353POL Upright polarising microscope

<b>Head:</b>	Trinocular, 30° inclined, 360° rotating.
<b>Eyeiece:</b>	WF10X/20mm.
<b>Bertrand lens:</b>	Swing-out type; centrable.
<b>Polarising attachment:</b>	0°-90° rotating analysing filter, $\lambda$ slip (first class red), 1/4 $\lambda$ slip, quartz wedge
<b>Nosepiece:</b>	5-positions with centering mechanism for all objectives.
<b>Objectives:</b>	Achromatic POL (strain-free): 4x/0.10, 10x/0.25, 25x/0.40, 40x/0.65, 63x/0.85.
<b>Magnifications:</b>	40x, 100x, 250x, 400x, 630x.
<b>Focusing system:</b>	Coaxial coarse and fine.
<b>Stage:</b>	160mm dia.; 360° rotating with stop knob and 0.1° vernier.
<b>Condenser:</b>	1.25 N.A., with iris diaphragm, focusable and centrable. With rotating polarising filter.
<b>Illumination:</b>	<b>X-LED™</b> illumination system with brightness control.



**B-353POL**



## POL SERIES - B-600POL

### B-600POL Upright polarising microscope

<b>Head:</b>	Trinocular, 30° inclined, 360° rotating.
<b>Eyepiece:</b>	WF10X/22mm.
<b>Bertrand lens:</b>	Swing-out type; centrable.
<b>Polarising attachment:</b>	Blue filter, 0°-90° rotating analysing filter, $\lambda$ slip (first class red), $1/4 \lambda$ slip, quartz wedge
<b>Nosepiece:</b>	4-positions with centering mechanism for all objectives.
<b>Objectives:</b>	PLAN IOS POL (strain-free) 4x/0.10, 10x/0.25, 40x/0.65, 60x/0.85.
<b>Magnifications:</b>	40x, 100x, 400x, 600x.
<b>Focusing system:</b>	Coaxial coarse and fine.
<b>Stage:</b>	160mm dia.; 360° rotating with stop knob and 0.1° vernier.
<b>Condenser:</b>	1.2 N.A., with iris diaphragm, focusable and centrable. With rotating polarising filter (swing-out type).
<b>Illumination:</b>	External high efficiency Halogen 50W dichroic bulb or <b>X-LED<sup>®</sup></b> ™ system

**B-600POL**



## POL SERIES - Accessories



### Accessories for B-353POL

- M-301 WF10x/20mm high-point eyepiece
- M-302 WF16x/12mm high-point eyepiece
- M-303 WF10x/20mm high-point micrometer eyepiece
- M-005 26x76 mm micrometric slide. Range 1 mm, div. 0,01 mm
- M-390 4x POL achromatic objective
- M-391 10x POL achromatic objective
- M-392 25x POL achromatic objective
- M-393 40x POL achromatic objective
- M-394 63x POL achromatic objective
- M-365 Photo tube adapter for SRL cameras
- M-366 CCD camera adapter
- M-031 Dust cover type 3
- M-974 Blue filter, 32 mm diameter
- M-976 Green filter, 32 mm diameter
- M-978 Yellow filter, 32 mm diameter
- M-988 Frosted glass filter, 32 mm diameter

### Accessories for B-600POL

- M-680 30° - 60° Ergo binocular head
- M-625 EWF10x/22mm eyepiece
- M-601 WF15x/16mm eyepiece
- M-602 Micrometer eyepiece EWF10x/22mm
- M-005 26x76 mm micrometric slide. Range 1 mm, div. 0,01 mm
- M-691 4x IOS plan POL achromatic objective
- M-692 10x IOS plan POL achromatic objective
- M-693 40x IOS plan POL achromatic objective
- M-694 60x IOS plan POL achromatic objective
- M-619 Photo tube adapter for SRL cameras
- M-699 Photo tube adapter for DIGI digital camera series
- M-620 CCD camera adapter for 1/3" sensors
- M-620.1 CCD camera adapter for 1/2" sensors
- M-622 12V/50W halogen bulb
- M-034 Dust cover type 5
- M-975 Blue filter, 45 mm diameter
- M-977 Green filter, 45 mm diameter
- M-979 Yellow filter, 45 mm diameter
- M-989 Frosted glass filter, 45 mm diameter
- M-690 Eyecup (pair)