Microscope / Lupes

High Quality Step Magnification Microscope

- OTJ Series



Binocular Microscope Ref. No: OR12 B001 Model: OTJ-B7500P



Trinocular Microscope Ref. No : OR12 B002 Model: OTJ-T8500IL

OTJ-B7500P : Equipped with 45 degree Binocular

body and pillar stand without light source.

OTJ-T8500IL : Equipped with 45 degree Trinocular

body and arm stand with light source

Features

- Wide field eyepiece: WF10X (dia. 20mm)

- Coarse focus adjustment knob with slipping protection.

- Objective: 1X,2X, working distance: 110mm - Objective: 1X,3X, working distance: 102mm - Objective: 2X,4X, working distance: 90mm

Wide Range of High Quality Accessories





DIMAS Imaging System



Fiberoptic Light Source Ref. No: OR12 AB01



Fluorescent Lighting





Images 2000 Version software

Features

Allow:

1. Capture still images 5. Enhance 2. Measure 6. Count 3. Distant image sharing 7. Report 4. Amalgamate images 8. Record

Zoom Microscope - ZTX



Features

- Magnification: 1X - 4X. Continuous zoom

- High working distance 100mm

- Eyepiece: WF-10X, WF-15X and WF-20X

Ref. No: RX12 C001 Model: ZTX-E

Biological Microscope



Ref. No: MD12 D001 Model: B5

- Motic B5 is a versatile high quality laboratory microscope.

- An optical configuration in which the objective forms an image at infinity, and a secondary tube lens forms an image at the intermediate image plane.

Technical Specifications

Magnification Range :4X-100X **Optical System** : Infinity System

Parfocal Distance 45mm

: Reversed quintuple revolving with ball bearings **Nosepiece** : Rectangular 140mm×135mm surface area. Stage

Cross travel range 78mmx50mm using low positioned coaxial control knob.

: Rack and pinion, vertical range of movement 28mm Substage

Contrasting Techniques: Phase contrast: Darkfield; Polarization

Inspection Portable Zoom Microscope



- Adjustable magnification from 10x to 30x or 60x to 100x
- Illumination that is ideal for examination of surface condition of various materials
- Light weight and portable

Ref. No <u>Model</u> PA12 E001 BF-959 (30x) BF-964 (100x) PA12 E002

Light Scope



Applications:

Automobiles **Industrial Machinery**

Gas

Air & Spacecraft

Sewers

Petrochemical plants Vessels

: Engines, transmissions, differentials, air conditioners.

: Engines, transmission, inside hydraulic pipes.

: Inside pipes and exhaust openings

: Turbine blades, combustion chamber interiors, rocket engines.

: Inside pipes, toilet clogs, other plumbing problems.

: Process plumbing, water supply pipes, pressure storage tanks.

: Boiler interiors, turbine interiors, diesel engines

Features

- Diameter of 8mm at tip for tight locations inspection
- · Water-resistant cable
- Adjust focus distance from infinity to 10mm

Technical Specifications



	Scope		Cable	
Type	Ref. No	Model	Minimum Bend Radius	Effective length
Iterlock Type	MX12 F001	MSPI-1000 III	100mm	1000mm
(maintains any	MX12 F002	MSPI-2000 III		2000mm
curve state)	MX12 F003	MSPI-3000 III		3000mm
	MX12 F004	MSGI-1350 III		1350mm
Flexible Type	MX12 F005	MSPS-1000 III	40mm	1000mm
(flexible for	MX12 F006	MSPS-2000 III		2000mm
insertion down	MX12 F007	MSPS-3000 III		3000mm
pipe shapes)	MX12 F008	MSGS-1350 III		1350mm

Microscope / Lupes

Bore Scope



Applications:

Manufacturing industry : Quality control (internal/external), non-destructive inspections

close-up visual inceptions of die holes.

Firearms : Inspection of small arms, illuminate bullets and barrel, inspect

chamber and bullets.

Transportation : Inspection of engines, pistons, door lock mechanisms, and

aircraft turbine blades.

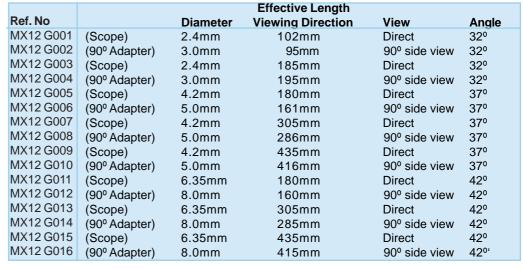
Construction : Inspection of security systems, building maintenance.

Observation of insect and other organisms.

Features

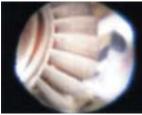
- No distortions, blurring, or other lens aberrations.
- Possible to focus on objects from arbitrary distance to scope tip.
- Attach a digital camera or digital video camera using special digital conversion adapter.
- Attach side-view adapter and rotate to get 360° side viewing angle.







Light and portable, easy to reach tight locations.



Rotor

Lupes













Peak Lunes

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Magnification	Dia.	Ref. No	Model
10×	24mm	PE12 H001	1961
15×	19mm	PE12 H002	1962
22×	19mm	PE12 H003	1964

Scale Lune

Magnification	Dia.	Ref. No	Model
7×	24mm	PE12 H004	1975
15×	20mm	PE12 H005	2016
30×	7mm	PE12 H006	2037

Lupes



1976 / 2004

Scale Lupe Set - consists of 5 scales

Magnification	Dia.	Ref. No	Model
7×	-	PE12 H007	1976
10×	-	PE12 H008	2004



2044

Zoom Lupe 816

M	lagnification	Dia.	Ref. No	Model
8:	x-16×	20φ -10φ	PE12 H009	2044



1966

Light Lupe

Magnification	Dia.	Ref. No	Model	
10×	-	PE12 H010	1966	



Light Sca	le l	Lupe
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Magnification	Dia.	Ref. No	Model
7×	-	PE12 H001	1998
10×	-	PE12 H012	2028
15×	20mm	PE12 H013	2016-L
30×	-	PE12 H014	2037-L



Pocket Microscope

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Magnification	Dia.	Ref. No	Model
25×	3.30mm	PE12 J001	2001-25
50×	2.00mm	PE12 J002	2001-50
75×	1.09mm	PE12 J003	2001-75
100×	0.84mm	PE12 J004	2001-100



Pocket Measuring Microscope

Magnification	Dia.	Ref. No	Model
25×	3.30mm	PE12 J005	2036-25
50×	2.00mm	PE12 J006	2036-50



Pocket Microscope EIM

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Magnification	Dia.	Ref. No	Model	
25×	3.50mm	PE12 J007	2050-25	1
50×	1.70mm	PE12 J008	2050-50	
75×	1.10mm	PE12 J009	2050-75	
100×	0.86mm	PE12 J010	2050-100	

Microscope / Lupes



2008 series

Stand Microscope

Magnification	Dia.	Ref. No	Model
25×	3.30mm	PE12 J011	2008-25
50×	2.00mm	PE12 J012	2008-50
75×	1.09mm	PE12 J013	2008-75
100×	0.84mm	PE12 J014	2008-100



2034 series

Wide Stand Microscope

wide Starid Microscope			
Magnification	Dia.	Ref. No	Model
20×	7.20mm	PE12 J015	2034-20
40×	3.60mm	PE12 J016	2034-40
60×	2.40mm	PE12 J017	2034-60
100×	1.45mm	PE12 J018	2034-100
150×	0.96mm	PE12 J019	2034-150
200×	0.72mm	PE12 J020	2034-200

Magnifying Flourescent Light







Desktop Universal Arm and Pole Type

Technical Specifications

Magnification range: 3x, 5x, 8x, 10x

Model	
RV-C-3	
RV-C-5	
RV-C-8	
RV-C-10	
RV-DC-3	
RV-DC-5	
RV-DC-8	
RV-DC-10	
RV-DB-3	
RV-DB-5	
RV-DB-8	
RV-DB-10	

Digital Imaging

If you do not yet have a camera but already have a microscope, we can provide:

Digital & Digital / Analog Cameras

Includes adapters for eyepieces on 3rd tube. Can transform any microscope into a digital microscope. Can also be used without a microscope for other demonstrations.

DIGITAL & DIGITAL/ANALOG CAMERAS

Output to TV monitor only : 330TV lines resolution Moticam 330
Output to a computer only : Motic images 2000 software (Moticam 350)
Output to a computer and / or a TV monitor : Motic images plus software (Moticam 480)

Moticam 330



Ref. No: M012 ACM1 Model: Moticam 330



Moticam 330 Standard Package

Moticam 330 provides 330 TV lines of resolution, giving you excellent contrast and detailed images on your TV monitor.

Moticam 350



Ref. No: M012 ACM2 Model: Moticam 350



Moticam 350 Standard Package

Small and lightweight, Moticam 350 connects to any PC running Windows 98, 2000, ME or XP through the computer's USB port, eliminating the need for an additional power supply. Use with almost any microscope by simply attaching the CCD (Charge coupled device) lens and eyepiece adapter to the microscope's eyepiece. Camera measures 6.6cmL × 4.8cmW × 3.8cmH.

Moticam 480



Ref. No: M012 ACM3 Model: Moticam 480



Moticam 480 Standard Package

Moticam 480 has all of the features of our Moticam 350, with the added benefit of both digital and analog outputs. These separate outputs allow you to connect the camera to a computer or a TV monitor, or better yet, both at the same time. Included is the feature-rich Images 2000 1.3 software which can help you integrate 640×480 pixels images into lesson plans and laboratories. Camera measures 11.2cmL \times 10cmW \times 5.6cmH

Inspection Tools

Inspection Mirrors



Features

It has versatile all-angle ball joint with telescopic handle

2 1/4" Ø Mirror size: 618 - 5380k

618 - 5420k 1 1/4" Ø

Ref. No **Model**

Ken-618-5380K **KE12 L001 KE12 L002** Ken-618-5420K

Safety Inspection Worklight



Ref. No: PN12 M001 Model: 1900

Submersible to 500 ft. Made of an unbreakable hi-impact Xenoy® resin. Focused beam is 400% brighter than ordinary pocket lights. Shirt clip, laser spot lamp module, Litebender.

Technical Specifications

Batteries 2 AAA Alkaline

Tested lumen value 7.0 Candlepower 6,000 Watts 1.11

Approvals SA, UL, Class 1 Div. 1, CE, EX

Length 43/4"

Colors Black, Yellow, Orange, Blue, White, Neon Green



Model: 2300

Water resistant. Made of Xenoy® unbreakable chemical resistant resin with polycarbonate lens and ABS shroud. Focused Xenon modified spot beam is 600% brighter than ordinary personal lights. Laser spot lamp module available upon request.

Technical Specifications

2 AA Alkaline (included) **Batteries**

Tested lumen value 8.8 8,000 Candlepower Watts 1.8

Approvals FM,SA, UL,Class 1 Div. !, CE, EX, MSHA

Length 5 5/8"

Colors Black, Yellow



Ref. No: PN12 M003 Model: 2400

Water-resistant. Unbreakable ABS body with polycarbonate lens. Laser spot Xenon lamp module with an unsurpassed white collimated light beam. One-handed safety switch operation, double shock mounted battery compartment and black lanyard. 4 hour battery burn time.

Technical Specifications

Batteries 4 AA Alkaline **Tested lumen value** 31.5 Candlepower 10,000

Watts 3.18

Approvals FM,SA, UL,Class 1 Div. !, CE, EX, MSHA

Length 6 1/2"

Colors Black, Yellow, Orange