

PORTABLE MEASURING MICROSCOPES



ISM-PM100

SPECIFICATION

Code	ISM-PM20	ISM-PM40	ISM-PM50	ISM-PM100
Total magnification	20X	40X	50X	100X
Eyepiece	10X with graduation	10X with graduation	10X with graduation	10X with graduation
Objective (achromatic)	2X (numerical aperture: 0.05)	4X (numerical aperture: 0.1)	5X (numerical aperture: 0.12)	10X (numerical aperture: 0.25)
Working distance	17.2mm	18mm	17.6mm	7mm
Graduation	0.05mm	0.025mm	0.02mm	0.01mm
Viewing field	Ø9mm	Ø4.5mm	Ø3.6mm	Ø1.8mm
Focus range	30mm			
Illumination	LED light			
Diameter of base	Ø63mm			
Height	210mm			
Weight	650g			

STANDARD DELIVERY

Main unit	1 pc
Pen light	1 pc
Battery (AAA)	2 pcs

TABLE MAGNIFIER WITH ILLUMINATION CODE 7517-3D

- Four steps brightness adjustment
- LED illumination, working life 20000h
- Resin lens

SPECIFICATION

Magnification	1.75X
Diopter	3D
Lens diameter	Ø125mm
Illumination	power: 3W, illumination: 260lm
Power supply	100~240V, 50~60Hz

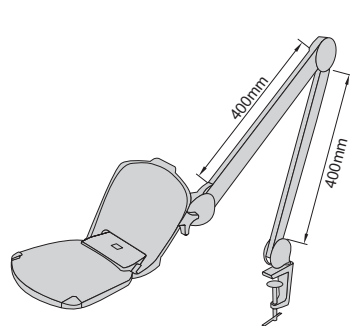


7517-3D

17

18

TABLE MAGNIFIERS WITH ILLUMINATION



SPECIFICATION

Code	7520-320D	7521-3D
Magnification	two magnifications 1.75X/6X	1.75X
Diopter	3D/20D	3D
Lens dimension	160×127mm	Ø126mm
Illumination	power: 6W, illumination: 550lm	
Power supply	power adapter 12V, 1A	



clamping holder
(clamping range
10~60mm)

7520-320D



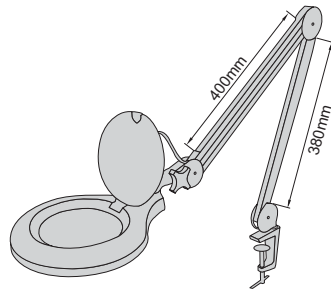
clamping holder
(clamping range
10~60mm)

7521-3D

- LED illumination, working life 20000h
- Resin lens

TABLE MAGNIFIER WITH ILLUMINATION CODE 7516-5D

- LED illumination, working life 20000h



SPECIFICATION

Magnification	2.25X
Diopter	5D
Lens diameter	Ø122mm
Illumination	power: 7W, illumination: 420lm
Power supply	100~240V, 50~60Hz

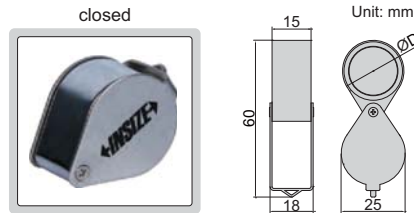


7516-5D

FOLDING MAGNIFIER

- Glass lens

Code	Magnification	Lens diameter (ØD)
7511-8	10X	Ø21mm



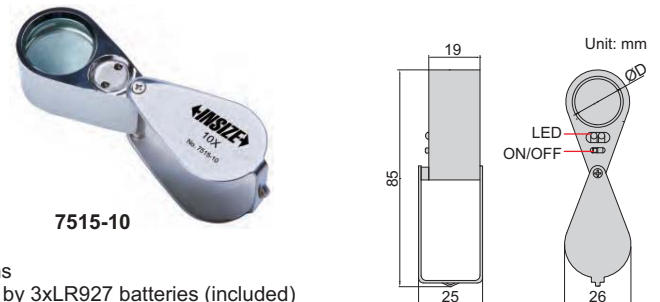
7511-8

FOLDING MAGNIFIER WITH ILLUMINATION



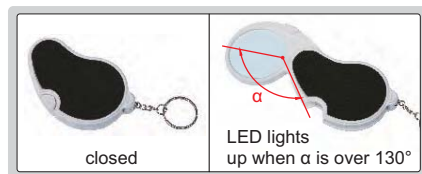
Code	Magnification	Lens diameter (ØD)
7515-10	10X	Ø21mm

- Resin lens
- Powered by 3xLR927 batteries (included)



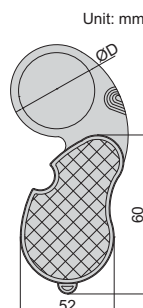
7515-10

FOLDING MAGNIFIER WITH ILLUMINATION



- Resin lens
- Powered by 2xCR1620 batteries (included)
- LED lights up automatically when α is over 130°

Code	Magnification	Lens diameter (ØD)
7514-1	2.5X	Ø45mm



7514-1



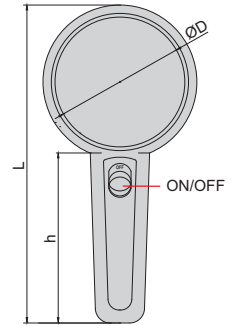
MAGNIFIERS WITH ILLUMINATION

- Glass lens
- Powered by 3xAAA batteries (included)



7513-2

7513-4



Code	Magnification	Lens diameter (ØD)	L	h
7513-2	2X	Ø75mm	170mm	90mm
7513-4	4X	Ø50mm	145mm	90mm

MAGNIFIER WITH TWO LENSES

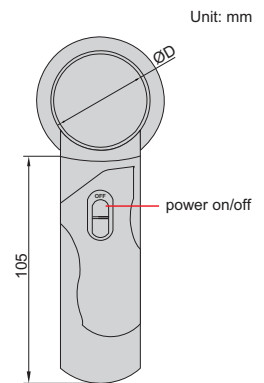
2 pcs LED



- Resin lens
- Interchangeable lenses
- Powered by 3 pcs AAA batteries (included)



7522-610



Code	Lens number	Magnification	Lens diameter (ØD)
7522-610	2 pcs	6X	37mm
		10X	50mm

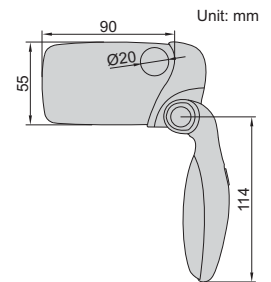
MAGNIFIER WITH ILLUMINATION



- Two magnifications
- LED illumination
- Powered by 2 pcs AAA batteries (included)
- Resin lens



7518-26



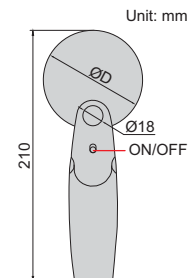
Code	Magnification	Lens size
7518-26	2X/6X	90x55mm

MAGNIFIER WITH ILLUMINATION

- Handheld and desk-type use
- Two magnifications
- LED illumination
- Powered by 2xAA batteries (included)
- Resin lens



7519-26



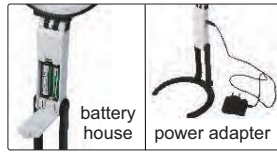
desk-type use



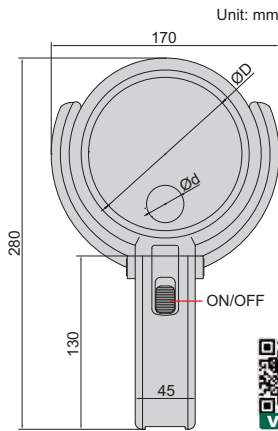
Code	Magnification	Lens diameter (ØD)
7519-26	2X/6X	90mm

THREE WAYS MAGNIFIER WITH ILLUMINATION

- Resin lens
- Powered by 2xAA batteries (included) or power adapter (110~240V, 50~60Hz)



three ways use



Code	Magnification	Lens diameter (ØD)	Lens diameter (Ød)
7512-1	2X/4X	Ø120mm	Ø28mm

MAGNIFICATION GLASSES

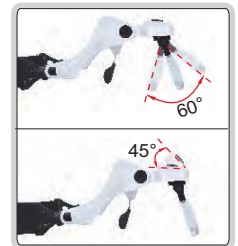
interchangeable lenses



head band (included)



adjustable lens and LED angle



- Resin lens
- Interchangeable lenses
- Powered by 3 pcs AAA batteries (included)

7523-3D5



adjustable holder angle



moveable lens for focus



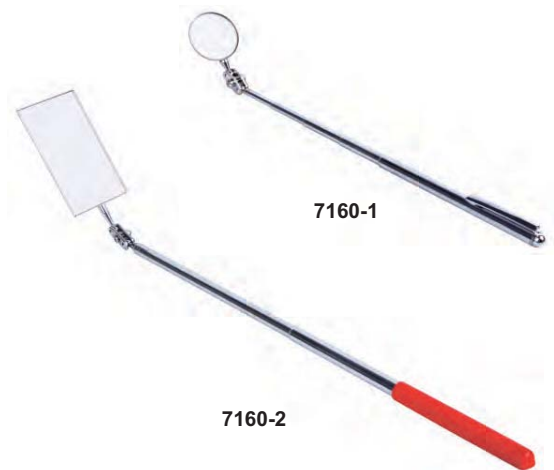
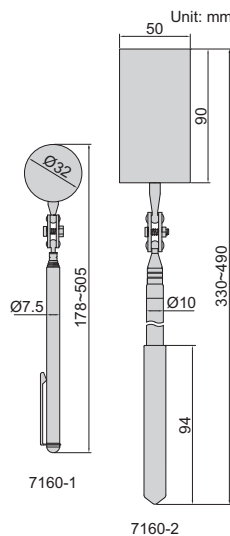
2 pcs LED



Code	Lens number	Magnification
7523-3D5	5 pcs	1X
		1.5X
		2X
		2.5X
		3.5X

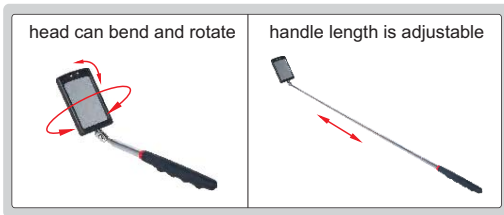
TELESCOPING INSPECTION MIRRORS

- Inspect hidden areas
- Rotation of the mirror: 360°
- Length of handle is adjustable, handle is made of brass and chrome plated



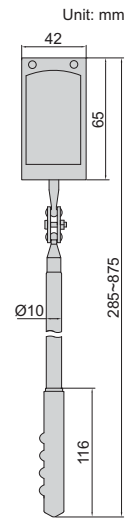
Code	Size of mirror	Length
7160-1	Ø32mm	178~505mm
7160-2	50x90mm	330~490mm

TELESCOPING INSPECTION MIRROR (WITH ILLUMINATION)



- Inspect hidden areas
- Head can bend and rotate
- Telescoping handle, made of stainless steel
- With two CR2032 batteries

Code	Size of mirror	Length
7162-1	65x42mm	285~875mm



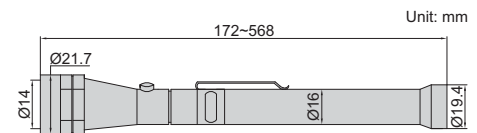
TELESCOPING MAGNETIC PICK-UP AND FLASHLIGHT



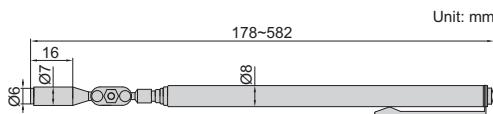
- For illumination and pick up steel parts in hidden areas
- Head can bend
- Telescoping handle, made of stainless steel
- Magnetic head and end
- With four LR44 batteries



Code	Magnetic force of the end	Magnetic force of the head	Flashlight range	Battery life	Length
7163-1	4kgf	2kgf	3m	8h	172~568mm



TELESCOPING MAGNETIC PICK-UP



- Pick up steel parts from hidden areas
- Rotation of magnetic head: 360°
- Length of handle is adjustable, handle is made of brass and chrome plated



Code	Size of magnetic tip	Magnetic force	Length
7161-1	Ø6mm	0.45kgf	178~582mm