

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

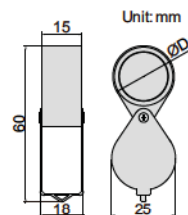
FOLDING MAGNIFIER

- Glass lens

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



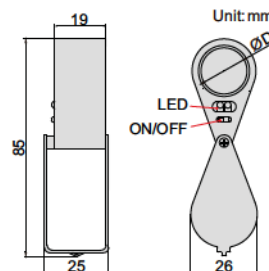
7511-8



FOLDING MAGNIFIER WITH ILLUMINATION



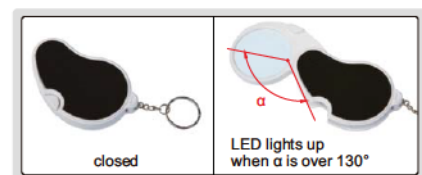
7515-10



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

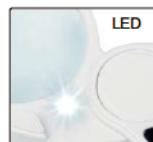
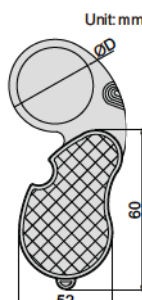
- Glass lens
- Powered by 3xLR927 batteries (included)

FOLDING MAGNIFIER WITH ILLUMINATION



- Plastic 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



VIDEO

MAGNIFIERS WITH ILLUMINATION

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



(mm)

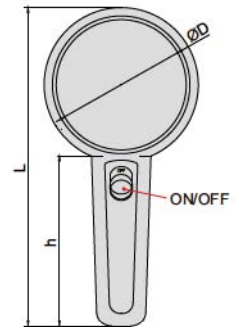
Code	Magnification	Lens diameter (ØD)	L	h
7513-2	2X	Ø75mm	170	90
7513-4	4X	Ø50mm	145	90



7513-2

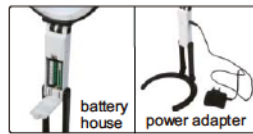


7513-4



THREE WAYS MAGNIFIER WITH ILLUMINATION

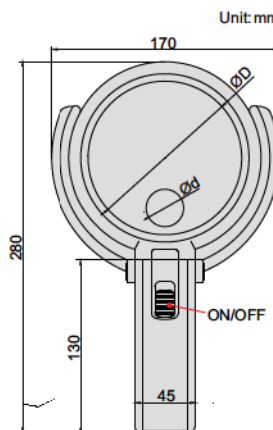
- Plastic lens
- Powered by 2xAAA batteries (included) or power adapter (110~240V, 50~60Hz)



three-way use



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



Unit: mm



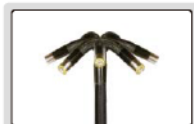
7512-1



MOTORIZED 360° SWIVEL VIDEOSCOPIES

IP65
WATERPROOF

ATTENTION: THE CABLE CAN BE BENT BUT CAN'T BE SET AT A FIXED SHAPE

TUNGSTEN WIRE WEAVED CABLE
RESISTANCE TO BREAK AND WEAR


bend in any direction


360° swivel in clockwise
and counter-clockwise


bend within ±120°



- Motorized joystick to bend the probe at any direction

SPECIFICATION

Code	ISV-4000D	ISV-4001D	ISV-5000D	ISV-5001D
Lens	diameter (D)	6mm	4.5mm	
	focus distance (F)	15mm~∞	8~80mm	
	illumination	6pcs LED	6pcs LED	
	pixel	0.41M		
	resolution	720x576		
	dust/waterproof	IP65		
	bend control	motorized joystick		
Cable	length	1.5m	3m	1.5m
	type	tungsten wire weaved cable		
Main unit	function	take picture, take video		
	file format	picture: JPG, video: AVI		
	image process	brightness, image quality zoom (1X, 2X, 3X)		
	memory	8G SD card		
	output	TV, USB		
Weight	power supply	rechargeable battery (for 4 hours working) AC/DC adapter (for continuous working)		
		1kg	1.2kg	0.95kg



ISV-4000D

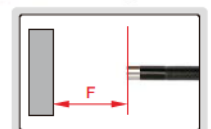

lens with LED
adjustable illumination

tungsten wire weaved
cable length: 1.5m

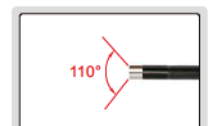
lens with
adjustable
LED illumination

STANDARD DELIVERY

Main unit	1pc
Cable with lens	1pc
8G SD card	1pc
AC/DC adapter	1pc
Video output cable	1pc
USB cable	1pc



focus distance



angle of view: 110°