

Inspectis Macro Lenses



+1, +2, +3, +5, +10, +28 and +56 Dioptre

Quality of Inspection

+1 to +56 diopter lenses attachable to the standard lens of Inspectis digital video microscopes.



Increases overall magnification of digital microscopes by 1.2 times (+1 diopter) to 11.6 time (+56 diopter).

Optical data:

Lens @ Zoom factor	Magnification 28" monitor	Optical Magnification	Field of [mm]	Working Range [mm]	Resolution Power [Lp/mm]
+1 Diopter @1x zoom	2.6 x	0.9 x	237.7	> 228-178	4
+1 Diopter @30x zoom	74.5 x	25.7 x	8.2	188-145	64
+2 Diopter @1x zoom	5.7 x	2.0 x	107.1	> 159-128	6
+2 Diopter @30x zoom	87.6 x	30.3 x	6.9	159-128	80
+3 Diopter @2x zoom	6.6 x	2.3 x	92.5	> 130-108	16
+3 Diopter @30x zoom	101.3 x	35.0 x	6.0	130-108	128
+5 Diopter @2x zoom	8.6 x	3.0 x	70.9	> 100-75	20
+5 Diopter @30x zoom	131.9 x	45.6 x	4.61	100-75	161
+10 Diopter @2x zoom	12.7 x	4.4 x	47.7	> 65-60	25
+10 Diopter @30x zoom	188 x	65 x	3.23	65-60	228
+28 Diopter @10x zoom	124 x	43 x	4.92	> 18-16.5	228
+28 Diopter @30x zoom	414 x	143 x	1.47	18-16.5	362
+56 Diopter @10x zoom	211 x	73 x	2.88	> 18-17.5	323
+56 Diopter @30x zoom	710 x	245 x	0.86	18-17.5	512

* Optical data in table is effective for U30/U30s digital microscopes.

Ordering Number/Name

- HD-036** Inspectis Macro lens +1 diopter, 67mm (single element)
- HD-037** Inspectis Macro lens +2 diopter, 67mm (single element)
- HD-037-A** Inspectis Macro lens +2 diopter, 67mm (Achromatic)
- HD-038** Inspectis Macro lens +3 diopter, 67mm (Achromatic)
- HD-039** Inspectis Macro lens +5 diopter, 67mm (Achromatic)
- HD-123** Inspectis Macro lens +10 diopter, 67mm (Achromatic)
- HD-142** Inspectis High Magnification lens +28 diopter, 67mm
- HD-143** Inspectis High Magnification lens +56 diopter, 67mm



Reseller:

V2, 2024

www.inspect-is.com