

CONSUMER DIGITAL CAMERA COUPLERS / CDC SERIES

CDC Series for Consumer Digital Cameras with Filter Thread Mounts

Benefits of the Consumer Digital Camera System

High Quality
 Produces crisp, flat field images with all microscope objectives including apochromats, plan fluorites, and achromats.

Economical
 Priced up to 50% lower than major manufacturers' couplers.

Compact Design
 Positions camera close to microscope for greater stability, convenience and aesthetics.

Parfocal
 Precise machining provides parfocality between the microscope and the camera.

Wide Field of View
 Use camera's zoom feature to set your field of view.

Microscope Mounts
 The largest selection available.

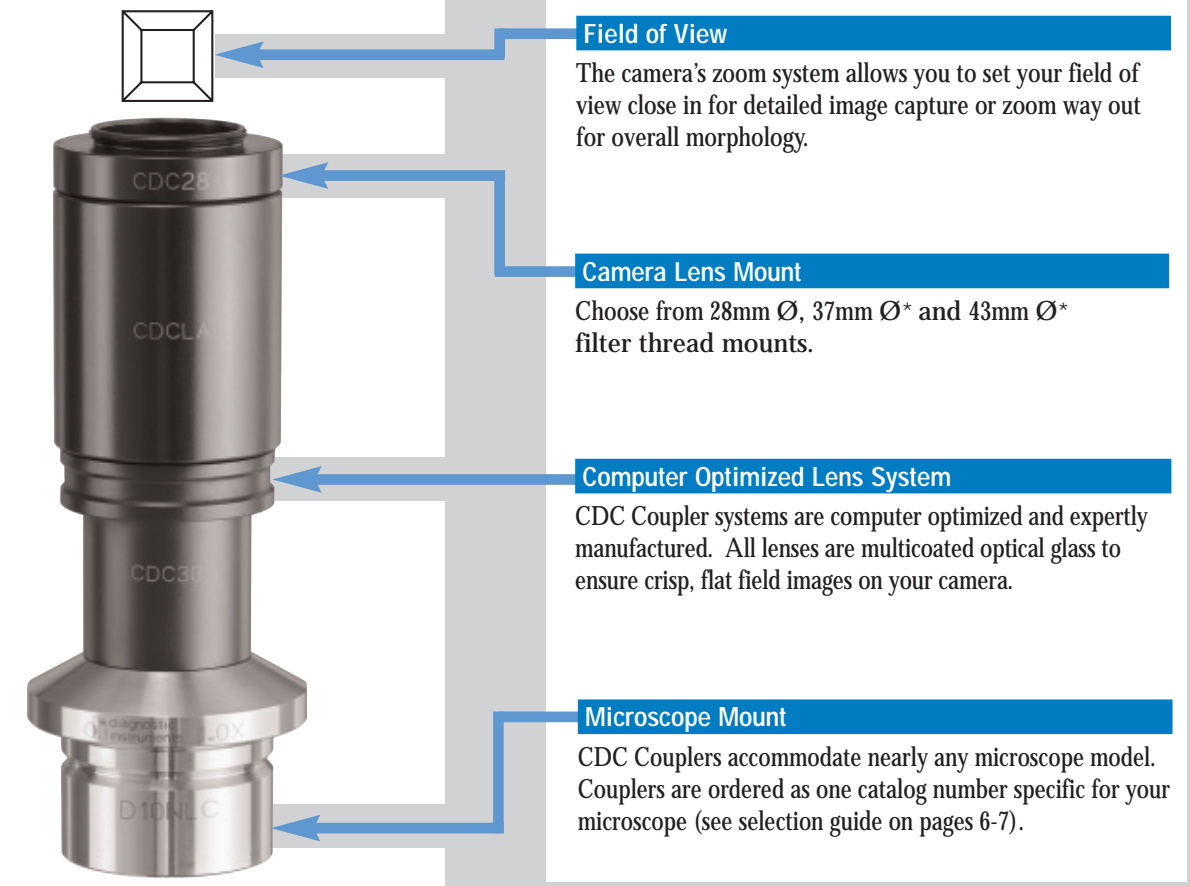
Camera Mounts
 28mm Ø x .75 pitch filter thread mount.
 37mm Ø x .75 pitch filter thread mount*
 43mm Ø x .75 pitch filter thread mount.*

*Certain cameras may exhibit vignetting of image.
 Note: Older microscopes that use compensating optics may produce images with lateral chromatic aberration and spherical aberrations uncorrected (see Appendix 4).



Nikon Cool Pix Series Camera on a Nikon E200 Microscope

The System . . .



Selected Consumer Digital Camera Couplers for Various Microscopes

Selected Consumer Digital Camera Couplers for Various Microscopes



CDCXX23
 For 23.2mm Phototubes



CDCXX30
 For 30mm Phototubes



CDCXXNL
 For ISO 38mm Phototubes
 (Nikon & Leica)



CDCXXHC
 For Leica HC Tube



CDCXXBX
 For Olympus BX/AX



CDCXXBB
 For Bausch & Lomb Stereozoom 6
 and Balplan Microzoom



CDCXXAD
 For American Optical Diastar,
 Microstar IV



CDCXXZN
 For Zeiss Axio-2 Series

CONSUMER DIGITAL CAMERA COUPLERS / CDC SERIES

CDC Coupler Selection Chart

1 SELECT CAMERA FILTER THREAD >	28mm	37mm	43mm
2 IDENTIFY MICROSCOPE Y			

EYEPICETUBES & PHOTOTUBES

Eyepicetubes and phototubes with 23.2mm inside diameter	CDC2823	CDC3723	CDC4323
Eyepicetubes and phototubes with 30mm inside diameter	CDC2830	CDC3730	CDC4330

AMERICAN OPTICAL (LEICA)

COMPOUND			
Diastar, Microstar IV	CDC28AD	CDC37AD	CDC43AD
Epistar	CDC28AM	CDC37AM	CDC43AM
Microstar 10, 110, 120	CDC28AM	CDC37AM	CDC43AM

BAUSCH & LOMB (LEICA)

COMPOUND			
Balplan, Microzoom	CDC28BB	CDC37BB	CDC43BB
STEREO			
Stereozoom 6	CDC28BB	CDC37BB	CDC43BB
Stereozoom 7 (newer slip in port)	CDC28BS	CDC37BS	CDC43BS

LEICA (also see American Optical, Bausch & Lomb, Leitz, Reichert, Wild)

COMPOUND			
DMR/DMRB series, fits FSA tube adapter, Variotube and DMRD (does not fit photo TV module), DMLS clinical microscope, DMLB, DMLP, DMC comparison microscope	CDC28DM	CDC37DM	CDC43DM
DMR HC series, fits onto HC tube adapter	CDC28HC	CDC37HC	CDC43HC
INVERTED			
DMIL	CDC28NL	CDC37NL	CDC43NL
DMIRB	CDC28DM	CDC37DM	CDC43DM
DMIL & DMIRB with HC optics	CDC28HC	CDC37HC	CDC43HC
STEREO			
MZ series 10 445 924 trinocular head (Adapter includes 10 445 930 style phototube)	CDC28LZ	CDC37LZ	CDC43LZ
MS5, MZ6, MZ8, MZ12, MZAPO with 38mm ISO photoport	CDC28NL	CDC37NL	CDC43NL
MS5, MZ6, MZ8, MZ12, MZAPO, MZFL3, MZ16 in 37mm port of new phototubes HU(446 174), video/phototube objective 1.0x (445 930), video/phototube objective H(445 931)	CDC28DM	CDC37DM	CDC43DM
GZ6 with 13410302 phototube	CDC28NL	CDC37NL	CDC43NL
SZ6	CDC28BB	CDC37BB	CDC43BB
SZ7	CDC28BS	CDC37BS	CDC43BS
S6D, S8APO	CDC28DM	CDC37DM	CDC43DM
MACROSCOPE			
M420 (old style with 38mm ISO photoport)	CDC28NL	CDC37NL	CDC43NL
M420 (new style with 37mm photoport)	CDC28DM	CDC37DM	CDC43DM

LEITZ (LEICA)

COMPOUND			
Dialux, Laborlux, Ortholux, Orthoplan, Diaplan, Ergolux, Aristoplan, Aristomet, Mettalux, Mettaloplan (for all models, inserts into 38mm ISO photoport)	CDC28NL	CDC37NL	CDC43NL

INVERTED

Diavert, Labovert, Fluovort, Metallovert (for all, inserts into 38mm ISO photoport)	CDC28NL	CDC37NL	CDC43NL
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MITUTOYO

COMPOUND			
Finescope 60	CDC28F6	CDC37F6	CDC43F6

NIKON

COMPOUND			
First series Optiphot, Labophot, Alphaphot with nonremovable phototubes	CDC28OT	CDC37OT	CDC43OT
Optiphot-2, Optiphot 100S, 150, 200, 300 Labophot-2, Alphaphot-2, Eclipse series (for all, inserts into 38mm ISO photoport when phototube is removed)	CDC28NL	CDC37NL	CDC43NL
E200, 400, 600 (with Y-T TV Tube, NQI YIDP phototube)	CDC28NL	CDC37NL	CDC43NL
E800, E1000 (with video tube for C-mount)	CDC28NL	CDC37NL	CDC43NL

STEREO

SMZ-U, SMZ10A, SMZ800, SMZ1500, SMZ1000 (inserts into 38mm ISO photoport when phototube is removed)	CDC28NL	CDC37NL	CDC43NL
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INVERTED

Diaphot 300/200, Eclipse TE200/300 sideport, TS100-F (38mm ISO photoport when phototube is removed)	CDC28NL	CDC37NL	CDC43NL
TE2000 U & E frontport	CDC28TE	CDC37TE	CDC43TE
TE2000 S, U & E sideport	CDC28NL	CDC37NL	CDC43NL

METALLURGICAL

Epiphot 300/200 (38mm ISO photoport when phototube is removed)	CDC28NL	CDC37NL	CDC43NL
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MEASURING

MM40/MM60 (inserts into 38mm ISO photoport)	CDC28NL	CDC37NL	CDC43NL
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OLYMPUS

COMPOUND			
BX series, AX Provis series, MX series, CX series (replaces Olympus phototube U-SPT)	CDC28BX	CDC37BX	CDC43BX
BH-2 series: BHT, BHTU, BHS, BHM (replaces top part of phototube by removing three screws. Note: will not work in BH-2 tilting trinoc 3-LC407)	CDC28BH	CDC37BH	CDC43BH
BH, CX40, CH, CH-2, CH30 trinocular with 25mm phototube	CDC2823	CDC3723	CDC4323

INVERTED

IX2 series (U-SPT phototube removed)	CDC28BX	CDC37BX	CDC43BX
IX sideport	CDC28IX	CDC37IX	CDC43IX
IX trinocular head	CDC28BX	CDC37BX	CDC43BX
IX 51, IX 71, IX 81	CDC28BX	CDC37BX	CDC43BX
CKX41 (U-SPT phototube removed)	CDC28BX	CDC37BX	CDC43BX
CK, CK40, CK-2 with 25mm phototube	CDC2823	CDC3723	CDC4323
PME3 Metallurgical	CDC28P3	CDC37P3	CDC43P3
PMG Metallurgical	CDC28PG	CDC37PG	CDC43PG
GX Metallurgical	CDC28GX	CDC37GX	CDC43GX
STEREO			
SZIIITR and X-TR with 25mm phototube	CDC2823	CDC3723	CDC4323
SZX9, SZX12	CDC28BX	CDC37BX	CDC43BX

REICHERT (LEICA)

COMPOUND			
Microstar IV	CDC28AD	CDC37AD	CDC43AD
Diastar	CDC28AD	CDC37AD	CDC43AD

UNITRON

STEREO			
ZST	CDC2823	CDC3723	CDC4323

WILD (LEICA)

STEREO			
All new stereos with removable phototube that reveals 38mm ISO photoport; including M3, M5, M7, M8, M10	CDC28NL	CDC37NL	CDC43NL

MACROSCOPE

M420 (inserts into 38mm ISO photoport)	CDC28NL	CDC37NL	CDC43NL
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ZEISS

COMPOUND			
Axioskop, Axioplan, Axiophot, Axiotron, Axioskop-40	CDC28ZA	CDC37ZA	CDC43ZA
Axiolab, Axioplan-2, Axiophot-2, Axiotech, Axioskop-2, Axiostar, new Standard trinocular tube (Zeiss part number 45 29 02) (Note: will not work in dual port trinoc)	CDC28ZN	CDC37ZN	CDC43ZN
Universal, Photomicroscope II & III, UEM, Ultraphot IIB, Axiomat (replaces phototube in all models)	CDC28ZU	CDC37ZU	CDC43ZU
Standard Trinoc with 25mm phototube 47 30 26, 47 30 28, 47 30 29, 45 29 03	CDC2823	CDC3723	CDC4323
STEREO			
SV6, SV11, Stemi 2000-C, Stemi DRC	CDC28ZN	CDC37ZN	CDC43ZN
INVERTED			
Axiovort models 100, 135, 135M, 200, IM series when used with new Standard trinocular tube (45 29 02)	CDC28ZN	CDC37ZN	CDC43ZN
Axiovort models 10, 35, 35M, 405M IM series when used with old Standard phototube (25mm outside diameter)	CDC28ZA	CDC37ZA	CDC43ZA
	CDC2823	CDC3723	CDC4323