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Upright Microscope

ECLIPSE

Ni/Ci

Accessories




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Ni-E brightfield set

1

- Ni-E (focusing stage type, motorized) set for brightfield observation
- Enables 2x to 100x observation by switching objectives with simple push-button operation.
- Two cameras can be mounted simultaneously.



MBA91000	ECLIPSE Ni-E Main Body
1 MBD92100	NiE-CAM Contact Arm
2 MBB94510	Ni-TT-E Motorized Quadrocular Tilting Tube
3 MBB96710	Ni-RPZ-E Motorized DSC Zooming Port for Quadrocular Tube
MBB94700	C-TAQ Tube Adapter for Quadrocular Tube
MQD42070	C-Mount Adapter 0.7X
MAK30100	CFI UW 10X Eyepiece (2 pcs.)
4 MBP98405	Ni-N7-E Motorized Septuple Nosepiece
	Objectives
5 MBD93010	Ni-SSR Substage for Rotatable/Motorized Stage
6 MBC91010	NiE-CSRR2 Right Handle Rotatable Ceramic Stage with Holder
7 MBL99800	Ni-CUD-E Motorized Universal Condenser Dry
8 MBH99000	Ni-CALN1 2-4X Auxiliary Lens for N1 Position
9 MBE95205	Ni-LH Precentered Lamphouse
MBF95400	Ni-CTLA Control Box A
10 MQA21020	DS-L3 DS Camera Control Unit
MQF52055	AC Adapter 2
	USB Cable
	Option
11 MBC96100	Ni-S-E Motorized XY Stage ^{*1}
MBC96110	Ni-SA Motorized XY Stage Adapter ^{*2}
12 MBF95130	Ni-SJ Joystick for Motorized Stage ^{*2}
13 MBF95110	Ni-ERG Ni Ergo Controller ^{*2,3}
14 MBN98800	Ni-ND-E Motorized ND Filter
15 MBF95420	NiE-CB Connector Box ^{*4}

*1 NiE-CSRR2 Right Handle Rotatable Ceramic Stage with Holder can be used as an alternative.

*2 For use with Ni-S-E Motorized XY Stage

*3 Ni-SJ Joystick for Motorized Stage can be used as an alternative.

*4 Required when using Ni-S-E Motorized XY Stage or Ni-ND-E Motorized ND Filter.

Ni-E epi-fluorescence set

2

- Ni-E (focusing stage type, motorized) set for epi-fluorescence observation
- Filter cubes can be switched with a simple push-button operation.
- Motorized condenser attachment enables 2x to 100x brightfield observation.
- Two cameras can be mounted simultaneously.



MBA91000	ECLIPSE Ni-E Main Body
1 MBD92100	NiE-CAM Contact Arm
2 MBB94510	Ni-TT-E Motorized Quadrocular Tilting Tube
3 MBB96710	Ni-RPZ-E Motorized DSC Zooming Port for Quadrocular Tube
MBB94700	C-TAQ Tube Adapter for Quadrocular Tube
MQD42000	C-Mount TV Adapter A
MAK30100	CFI UW 10X Eyepiece (2 pcs.)
4 MBE94300	Ni-FLT6-E Motorized Epi-fluorescence Cube Turret
5 MBE94100	Ni-FLEI EPI-Fluorescence Attachment
-	FL Filter Cubes
MBF72665	C-HGFIE HG Precentered Fiber Illumination Intensilight
MBF72600	C-HGFIE-C HG Controller
MBF71610	C-HGFIF15 HG Fiber
MBF72311	C-HGFIB HG100W Adapter R
6 MBP98405	Ni-N7-E Motorized Septuple Nosepiece
	Objectives
7 MBD93010	Ni-SSR Substage for Rotatable /Motorized Stage
8 MBC91010	NiE-CSRR2 Right Handle Rotatable Ceramic Stage with Holder
9 MBL99800	Ni-CUD-E Motorized Universal Condenser Dry
10 MBH99000	Ni-CALN1 2-4X Auxiliary Lens for N1 Position ^{*1}
MBE95205	Ni-LH Precentered Lamphouse
MBF95400	Ni-CTLA Control Box A
MQA21020	DS-L3 DS Camera Control Unit
MQF52055	AC Adapter 2
-	USB Cable

Option

11 MBN71930	D-FB Excitation Balancer ^{*2}
12 MBH70210	D-C PH-1 PH Module ^{*3}
13 MBH70220	D-C PH-2 PH Module ^{*3}
14 MBH70230	D-C PH-3 PH Module ^{*3}
15 MBH70250	D-C DF Dark Field Module ^{*4}

*1 Required when using 2x and 4x objectives

*2 For use in combination with multi-band filter cube

*3 For use in combination with phase contrast objectives

*4 Required for darkfield observation

Ni-E DIC (Differential Interference Contrast) set 3

- Ni-E (focusing stage type, motorized) set for DIC observation
- Simple push-button operation simultaneously switches objectives and optical modules within the condenser.
- Motorized condenser attachment enables 2x to 100x brightfield observation.
- Two cameras can be mounted simultaneously.

MBA91000	ECLIPSE Ni-E Main Body
1 MBD92100	NiE-CAM Contact Arm
2 MBB94510	Ni-TT-E Motorized Quadrocular Tilting Tube
3 MBB96710	Ni-RPZ-E Motorized DSC Zooming Port for Quadrocular Tube
MBB94700	C-TAQ Tube Adapter for Quadrocular Tube
MQD42070	C-Mount Adapter 0.7X
MAK30100	CFI UW 10X Eyepiece (2 pcs.)
4 MBP98325	Ni-ND6-E Motorized DIC Sextuple Nosepiece
5 -	D-C DIC Sliders
6 MBN74920	D-DA Analyzer Slider for DIC
7 MBN74960	D-LP Lambda Plate
	Objectives
8 MBD93010	Ni-SSR Substage for Rotatable /Motorized Stage
9 MBC91010	NiE-CSRR2 Right Handle Rotatable Ceramic Stage with Holder
10 MBL99800	Ni-CUD-E Motorized Universal Condenser Dry
11 MBH99000	Ni-CALN1 2-4X Auxiliary Lens for N1 Position ^{1,2}
12 MBH70200	D-C 2-4X Auxiliary Lens for N2 Position ^{1,3}
13 MBH72300	D-C DIC N1 DRY DIC Module
14 MBH72310	D-C DIC N2 DRY DIC Module
15 MBN74940	D-DP DIC Rotatable Polarizer
MBE95205	Ni-LH Precentered Lamphouse
MBF95400	Ni-CTLA Control Box A
MQA21020	DS-L3 DS Camera Control Unit
MQF52055	AC Adapter 2
	USB Cable



Option

16 MBH70210	D-C PH-1 PH Module ⁴
17 MBH70220	D-C PH-2 PH Module ⁴
18 MBH70230	D-C PH-3 PH Module ⁴
19 MBH70250	D-C DF Dark Field Module ⁵

*1 Required when using 2x and 4x objectives

*2 Cannot be used when N1 Dry DIC Module is in use

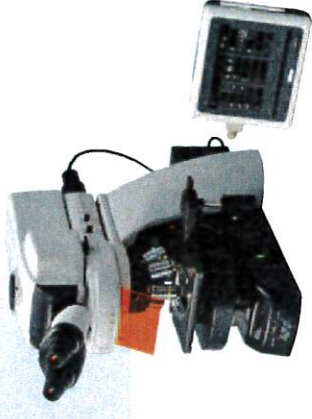
*3 Cannot be used when N2 Dry DIC Module is in use

*4 For use in combination with phase contrast objectives

*5 Required for darkfield observation

Ni-E epi-fluorescence and DIC set.....4-1

- Ni-E (focusing stage type, motorized) set for epi-fluorescence and DIC observation
- Filter cubes can be switched with simple push-button operation.
- Simple push-button operation simultaneously switches objectives and optical modules within the condenser.



MBA91000	ECLIPSE Ni-E Main Body
1 MBD92100	NiE-CAM Contact Arm
2 MBB94510	Ni-TT-E Motorized Quadrocular Tilting Tube
3 MBB96710	Ni-RPZ-E Motorized DSC Zooming Port for Quadrocular Tube
MBB94700	C-TAQ Tube Adapter for Quadrocular Tube
MQD42000	C-Mount TV Adapter A
MAK30100	CFI UW 10X Eyepiece (2 pcs.)
4 MBE94300	Ni-FLT6-E Motorized Epi-fluorescence Cube Turret
5 MBE94100	Ni-FLEI EPI-Fluorescence Attachment
6 MEN51980	Ti-A DIC Analyzer Cube
-	FL Filter Cubes
MBF72665	C-HGFIE HG Precentered Fiber Illumination Intensilight
MBF72600	C-HGFIE-C HG Controller
MBF71610	C-HGFIF15 HG Fiber
MBF72311	C-HGFIB HG100W Adapter R
7 MBP98325	Ni-ND6-E Motorized DIC Sextuple Nosepiece
8 MBN74960	D-LP Lambda Plate
9 -	D-C DIC Sliders



Objectives	
10	MBD93010 NI-SSR Substage for Rotatable /Motorized Stage
11	MBC91010 NIE-CSRR2 Right Handle Rotatable Ceramic Stage with Holder
12	MBL99800 NI-CUD-E Motorized Universal Condenser Dry
13	MBH99000 NI-CALN1 2-4X Auxiliary Lens for N1 Position *1*2
14	MBH70200 D-C 2-4X Auxiliary Lens for N2 Position *1*3
15	MBH72300 D-C DIC N1 DRY DIC Module
16	MBH72310 D-C DIC N2 DRY DIC Module
17	MBN74940 D-DP DIC Rotatable Polarizer
	MBE95205 NI-LH Precentered Lamphouse
	MBF95400 NI-CTLA Control Box A
	MQA21020 DS-1.3 DS Camera Control Unit
	MQF52055 AC Adapter 2
	USB Cable



Option

18	MBN91920	NI-FA FL/DIC Analyzer *4
19	MBN71930	D-FB Excitation Balancer *5
20	MBH70210	D-C PH-1 PH Module *6
21	MBH70220	D-C PH-2 PH Module *6
22	MBH70230	D-C PH-3 PH Module *6
23	MBH70250	D-C DF Dark Field Module *7

*1 Required when using 2x and 4x objectives

*2 Cannot be used when N1 Dry DIC Module is in use

*3 Cannot be used when N2 Dry DIC Module is in use

*4 Required for epi-fluorescence DIC observation; should be manually inserted into optical path

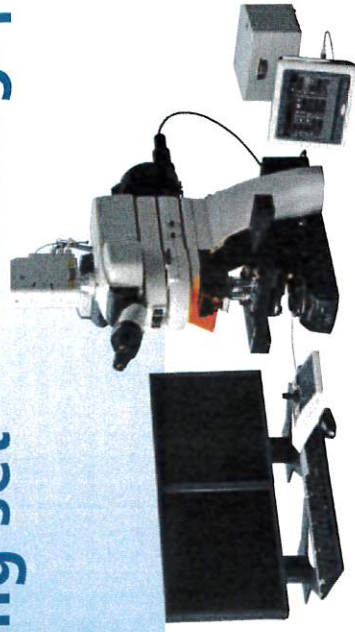
*5 For use in combination with multi-band filter cube

*6 For use in combination with phase contrast objectives

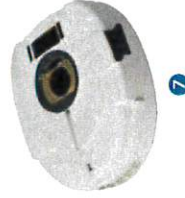
*7 Required for darkfield observation

Ni-E multi-color fluorescent imaging set 5-1

- Ni-E (focusing nosepiece type, motorized) set for multi-color imaging
- Motorized excitation/barrier filter wheels enable multi-color fluorescence imaging.



MBA91000	ECLIPSE Ni-E Main Body
1 MBD92200	Ni-FNA Focusing Nosepiece Sub Arm
2 MXB22378	Ni-AMSS Arm Spacer 49mm
3 MBD92100	NiE-CAM Contact Arm
4 MBB94510	Ni-TT-E Motorized Quadrocular Tilting Tube
5 MBB96710	Ni-RPZ-E Motorized DSC Zooming Port for Quadrocular Tube
MBB94700	C-TAQ Tube Adapter for Quadrocular Tube
MQD42000	C-Mount TV Adapter A
MAK10100	CFI 10X Eyepiece (2 pcs.)
6 MBE94620	Ni-BAW-E Motorized Barrier Filter Wheel
7 MBE94300	Ni-FLT6-E Motorized Epi-fluorescence Cube Turret
8 MBE94100	Ni-FLEI EPI-Fluorescence Attachment
-	FL Filter Cubes
9 MEN51980	TI-A DIC Analyzer Cube
10 MEN71956	A1-FN1-IR Analyzer Block IR
11 MBE94610	Ni-EXW-E Motorized Excitation Filter Wheel
12 MBE96000	Ni-SH-E Motorized Shutter
MBE96920	Ni-SHCS Motorized Shutter Cable Short
MBE96905	TI-SHAEP-I Motorized Shutter Adapter for Inverted Epi-FL
MBF72665	C-HGFIE HG Precentered Fiber Illumination Intensilight
MBF72600	C-HGFIE-C HG Controller
MBF71610	C-HGFF15 HG Fiber
MBF72311	C-HGFIB HG100W Adapter R
13 MBP70100	FN-S2N 2 Place Sliding Nosepiece



	Objectives
	D-C DIC Sliders
14	MBD93030 NI-SSF Substage for Focusing Nosepiece
	MBC96100 NI-S-E Motorized XY Stage
	MBC96110 NI-SA Motorized XY Stage Adapter
	MBF95130 NI-SJ Joystick for Motorized Stage
	MXB22406 NI-SH-D Dish Holder
15	MBL70100 FN-C LWD Condenser
16	MBH72300 D-C DIC N1 DRY DIC Module
17	MBH72310 D-C DIC N2 DRY DIC Module
18	MBH72100 FN-PT4X 4X Support Lens
19	MBN91930 NI-PT Polarizer Turret
20	MBN71946 FN-P Polarizer
21	MBN71960 FN-IRP IR Polarizer
	MBY10037 NI-IRLH Precentered IR Lamphouse
	MBF95400 NI-CTLA Control Box A
	MBF95420 NIE-CB Connector Box
	MQA21020 DS-L3 DS Camera Control Unit
	MQF52055 AC Adapter 2
	USB Cable

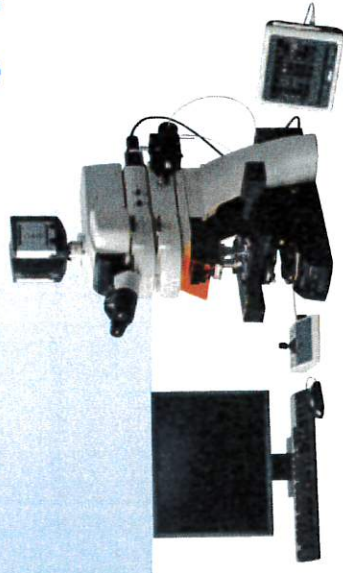


Option

22	MXB22379	NI-AMSL Arm Spacer 74mm
23	MBP70110	FN-MN-H CFI 75 Holder
24	MBH76225	D-C DIC 25X1 DIC Slider
25	MRD77220	CFI75 Apochromat 25XW MP
	MBC74001	FN-3PS2 FN1 Standard Stage
	MBC94100	NI-3PSA Adapter for FN1 Standard Stage
	MBN98800	NI-ND-E Motorized ND Filter
	MBE96900	NI-SHAEP-U Motorized Shutter Adapter for Upright Epi-FL

Ni-E photoactivation imaging set..... 6-1

- Ni-E (focusing nosepiece type, motorized) set for photoactivation imaging.
- Enables photoactivation of a cell or a living organism, and image acquisition of its reaction.



MBA91000	ECLIPSE Ni-E Main Body
1 MBD92200	NI-FNA Focusing Nosepiece Sub Arm
2 MXB22378	NI-AMISS Arm Spacer 49mm
3 MBD92100	NIE-CAM Contact Arm
MBB94510	NI-TT-E Motorized Quadrocular Tilting Tube
MBB96710	NI-RPZ-E Motorized DSC Zooming Port for Quadrocular Tube
MBB94700	C-TAQ Tube Adapter for Quadrocular Tube
MQD42000	C-Mount TV Adapter A
MAK10100	CFI 10X Eyepiece (2 pcs.)
4 MBE94300	NI-FLT6-E Motorized Epi-fluorescence Cube Turret (2 Units)
5 MBE94800	NI-PAU Ni Photoactivation Unit
6 MBE94100	NI-FLEI EPI-Fluorescence Attachment
-	FL Filter Cubes
7 MEN51980	TI-A DIC Analyzer Cube
8 MEN71956	A1-FN1-IR Analyzer Block IR
MBF72665	C-HGFIE HG Precentered Fiber Illumination Intensilight
MBF72600	C-HGFIE-C HG Controller
MBF71610	C-HGFF15 HG Fiber
MBF72311	C-HGFIB HG100W Adapter R
9 MBP70100	FN-S2N 2 Place Sliding Nosepiece



1



2



3



4



5



6



7



8



9

Objectives
- D-C DIC Sliders
10 MBD93030 NI-SSF Substage for Focusing Nosepiece
MBC96100 NI-5-E Motorized XY Stage
MBC96110 NI-SA Motorized XY Stage Adapter
MBF95130 NI-SJ Joystick for Motorized Stage
MXB22406 NI-SH-D Dish Holder
11 MBL70100 FN-C LWD Condenser
12 MBH72300 D-C DIC N1 DRY DIC Module
13 MBH72310 D-C DIC N2 DRY DIC Module
14 MBH72100 FN-PT4X 4X Support Lens
15 MBN91930 NI-PT Polarizer Turret
16 MBN71946 FN-P Polarizer
17 MBN71960 FN-IRP IR Polarizer
MBY10037 NI-IRLH Precentered IR Lamphouse
MBF95400 NI-CTLA Control Box A
MBF95420 NIE-CB Connector Box
MQA21020 DS-L3 DS Camera Control Unit
MQF52055 AC Adapter 2
USB Cable



Option

18 MXB22379	NI-AMSL Arm Spacer 74mm
19 MBP70110	FN-MN-H CFI 75 Holder
20 MBH76225	D-C DIC 25X1 DIC Slider
21 MRD77220	CFI75 Apochromat 25XW MP
MBC74001	FN-3PS2 FN1 Standard Stage
MBC94100	NI-3PSA Adapter for FN1 Standard Stage

Ni-E simultaneous multichannel imaging set 7-1

- Ni-E (focusing nosepiece type, motorized) set for multi-channel, simultaneous imaging.
- Enables simultaneous acquisition of fluorescence images in two different wavelengths.



MBA91000	ECLIPSE Ni-E Main Body
1 MBD92200	Ni-FNA Focusing Nosepiece Sub Arm
2 MXB22378	Ni-AMSS Arm Spacer 49mm
3 MBD92100	NiE-CAM Contact Arm
4 MBB94510	Ni-TT-E Motorized Quadrocular Tilting Tube
5 MBB96710	Ni-RPZ-E Motorized DSC Zooming Port for Quadrocular Tube
MBB94700	C-TAQ Tube Adapter for Quadrocular Tube
MQD42000	C-Mount TV Adapter A
MAK10100	CFI 10X Eyepiece (2 pcs.)
6 MBE94300	Ni-FL16-E Motorized Epi-fluorescence Cube Turret (2 Units)
7 MBE94200	Ni-BPU Back Port Unit
8 MXA22128	C-FL2 Blank Cube
9 MBE49310	C-FLM Mirror Cube
10 MBE49300	C-FLF FRET Cube
11 MBB96900	Ni-RPS DSC Support Column
12 MBB96910	Ni-RPSAA DSC Adapter A (for the Andor iXon Series)
13 MBE94100	Ni-FLEI EPI-Fluorescence Attachment FL Filter Cubes
14 MEN51980	TI-A DIC Analyzer Cube
15 MEN71956	A1-FN1-IR Analyzer Block IR
MBF72665	C-HGFIE HG Precentered Fiber Illumination Intensilight
MBF72600	C-HGFIE-C HG Controller
MBF71610	C-HGFIF15 HG Fiber
MBF72311	C-HGFIB HG100W Adapter R
16 MBP70100	FN-S2N 2 Place Sliding Nosepiece

Objectives	
-	D-C DIC Sliders
17	MBD93030 NI-SSF Substage for Focusing Nosepiece
	MBC96100 NI-S-E Motorized XY Stage
	MBC96110 NI-SA Motorized XY Stage Adapter
	MBF95130 NI-SJ Joystick for Motorized Stage
	MXB22406 NI-SH-D Dish Holder
18	MBL70100 FN-C LWD Condenser
19	MBH72300 D-C DIC N1 DRY DIC Module
20	MBH72310 D-C DIC N2 DRY DIC Module
21	MBH72100 FN-PT4X 4X Support Lens
22	MBN91930 NI-PT Polarizer Turret
23	MBN71946 FN-P Polarizer
24	MBN71960 FN-IRP IR Polarizer
	MBY10037 NI-IRLH Precentered IR Lamphouse
	MBF95400 NI-CTLA Control Box A
	MBF95420 NIE-CB Connector Box
	MQA21020 DS-L3 DS Camera Control Unit
	MQF52055 AC Adapter 2
	USB Cable



Option

25	MXB22379	NI-AMSL Arm Spacer 74mm
26	MBB96920	NI-RPSAB DSC Adapter B (for the Roper Cascade Series)
27	MBP70110	FN-MN-H CFI 75 Holder
28	MBH76225	D-C DIC 25XI DIC Slider
29	MRD77220	CFI75 Apochromat 25XW MP
	MBC74001	FN-3PS2 FN1 Standard Stage
	MBC94100	NI-3PSA Adapter for FN1 Standard Stage

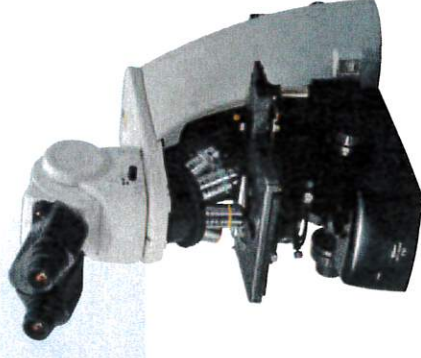
- Basic set for brightfield observation

MBA92010	ECLIPSE Ni-U Main Body
1	MBD92000 NI-SAM Standard Arm
2	MBB93800 C-TE2 Ergonomic Binocular Tube
3	MBB96800 C-TEP2 DSC Port for Ergonomic Binocular Tube
MAK30100	CFI UW 10X Eyepiece (2 pcs.)
4	MBP71315 C-N6 ESD Sextuple Nosepiece ESD
Objectives	
5	MBC91110 C-SR2S Right Handle Stage with 2SHolder
6	MBD93000 NI-SS Substage
7	MBD94000 NI-CH Condenser Holder
8	MBL71200 C-C Achromat Condenser NA 0.9
9	MBE95205 NI-LH Precentered Lamphouse
Option	
10	MBB93110 C-TT Trinocular Tube T
11	MBB73520 Y-TV TV Tube
MQD42070	C-Mount Adapter 0.7X
MBP71325	C-N6A Sextuple Nosepiece with Analyzer Slot
12	MBB75380 C-TP Polarizer for First-order Red Compensation
13	MBN91921 C-AS Analyzer Slider for First-order Red Compensation ^{*1,2}
14	MBB75360 C-IA Analyzer Tube for First-order Red Compensation
15	MBB75370 C-SP Polarizer for Simple Polarization
16	MBN74925 D-SA Analyzer Slider for Simple Polarization ^{*1,3}
17	MBB75350 C-ISA Analyzer Tube for Simple Polarization

*1 For use in combination with C-N6A Sextuple Nosepiece with Analyzer Slot.

*2 C-IA Analyzer Tube for First-order Red Compensation can be used as an alternative.

*3 C-ISA Analyzer Tube for Simple Polarization can be used as an alternative.



For First-order Red Compensation



For Simple Polarization



- Ni-U set for epi-fluorescence observation



MBA92010	ECLIPSE Ni-U Main Body
MBD92000	NI-SAM Standard Arm
MBB93110	C-IT Trinocular Tube T
MBB73520	Y-TV TV Tube
MQD42000	C-Mount TV Adapter A
MAK30100	CFI UW 10X Eyepiece (2 pcs.)
1 MBE94500	NI-FLT6 Epi-fluorescence Cube Turret
2 MBE94100	NI-FLEI EPI-Fluorescence Attachment
-	FL Filter Cubes
3 MBF72655	C-HGFI HG Precentered Fiber Illumination Intensilight
MBF71610	C-HGFI F15 HG Fiber
MBF72311	C-HGFI B Adapter R
4 MBF71315	C-N6 ESD Sextuple Nosepiece ESD
	Objectives
5 MBC91110	C-SR2S Right Handle Stage with 2S Holder
6 MBD93000	NI-SS Substage
7 MBD94000	NI-CH Condenser Holder
8 MBL71200	C-C Achromat Condenser NA 0.9
MBE95205	NI-LH Precentered Lamphouse

Option

9 MBN71930	D-FB Excitation Balancer*1
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*1 For use in combination with multi-band filter cube

- Ni-U set for DIC observation



MBA92010	ECLIPSE Ni-U Main Body
MBD92000	NI-SAM Standard Arm
MBB93110	C-TT Trinocular Tube T
MBB73520	Y-TV TV Tube
MQD42070	C-Mount Adapter 0.7X
MAK30100	CFI UW 10X Eyepiece (2 pcs.)
1 MBP73325	D-ND6 DIC Sextuple Nosepiece
2 MBN74920	D-DA Analyzer Slider for DIC
3 MBN74960	D-LP Lambda Plate
4 -	D-C DIC Sliders
Objectives	
5 MBC91110	C-SR2S Right Handle Stage with 2SHolder
6 MBD93000	NI-SS Substage
7 MBD94000	NI-CH Condenser Holder
8 MBL99000	NI-CUD Universal Condenser Dry
9 MBH99000	NI-CALN1 2-4X Auxiliary Lens for N1 Position ^{*1,2}
10 MBH70200	D-C 2-4X Auxiliary Lens for N2 Position ^{*1,3}
11 MBH72300	D-C DIC N1 DRY DIC Module
12 MBH72310	D-C DIC N2 DRY DIC Module
13 MBN74940	D-DP DIC Rotatable Polarizer
MBE95205	NI-LH Precentered Lamphouse
Option	
14 MBH70210	D-C PH-1 PH Module ^{*4}
15 MBH70220	D-C PH-2 PH Module ^{*4}
16 MBH70230	D-C PH-3 PH Module ^{*4}
17 MBH70250	D-C DF Dark Field Module ^{*5}

*1 Required when using 2x and 4x objectives

*2 Cannot be used when N1 Dry DIC Module is in use

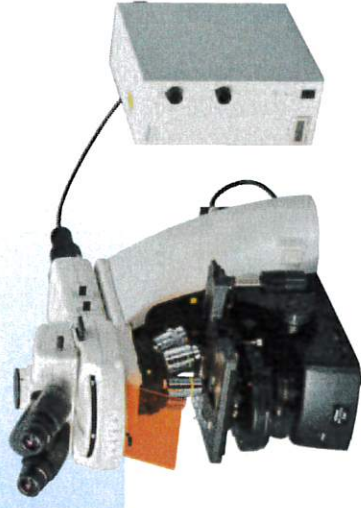
*3 Cannot be used when N2 Dry DIC Module is in use

*4 For use in combination with phase contrast objectives

*5 Required for darkfield observation



- Ni-U set for epi-fluorescence and DIC observation



MBA92010	ECLIPSE Ni-U Main Body
MBD92000	NI-SAM Standard Arm
MBB93110	C-TT Trinocular Tube T
MBB73520	Y-TV TV Tube
MQD42000	C-Mount TV Adapter A
MAK30100	CFI UW 10X Eyepiece (2 pcs.)
MBE94500	NI-FLT6 Epi-fluorescence Cube Turret
MBE94100	NI-FLEI EPI-Fluorescence Attachment
MBN91920	NI-FA FL/DIC Analyzer
-	FL Filter Cubes
MBF72655	C-HGFI HG Precentered Fiber Illumination Intensilight
MBF71610	C-HGFIF15 HG Fiber
MBF72311	C-HGFIB HG100W Adapter R
MBP73325	D-ND6 DIC Sextuple Nosepiece
MBN74960	D-LP Lambda Plate
7	D-C DIC Sliders
Objectives	
MBC91110	C-SR2S Right Handle Stage with 2SHolder
MBD93000	NI-SS Substage
MBD94000	NI-CH Condenser Holder
MBL99000	NI-CUD Universal Condenser Dry
MBH99000	NI-CALN1 2-4X Auxiliary Lens for N1 Position ^{*1,2}
MBH70200	D-C 2-4X Auxiliary Lens for N2 Position ^{*1,3}
MBH72300	D-C DIC N1 DRY DIC Module
MBH72310	D-C DIC N2 DRY DIC Module
MBN74940	D-DP DIC Rotatable Polarizer
MBE95205	NI-LH Precentered Lamphouse



Option

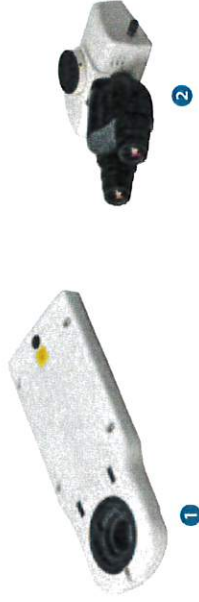
14	MBN71930	D-FB Excitation Balancer ^{*4}
15	MBH70210	D-C PH-1 PH Module ^{*5}
16	MBH70220	D-C PH-2 PH Module ^{*5}
17	MBH70230	D-C PH-3 PH Module ^{*5}
18	MBH70250	D-C DF Dark Field Module ^{*6}

- *1 Required when using 2x and 4x objectives
- *2 Cannot be used when N1 Dry DIC Module is in use
- *3 Cannot be used when N2 Dry DIC Module is in use
- *4 For use in combination with multi-band filter cube
- *5 For use in combination with phase contrast objectives
- *6 Required for darkfield observation

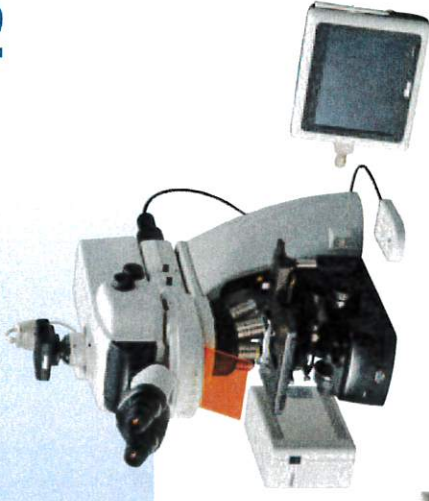
- Ni-U set for phase contrast observation



MBA92010	ECLIPSE Ni-U Main Body
1 MBD92000	NI-SAM Standard Arm
2 MBB93110	C-TT Trinocular Tube T
3 MBB73520	Y-TV TV Tube
MQD42070	C-Mount Adapter 0.7X
MAK30100	CFI UW 10X Eyepiece (2 pcs.)
4 MAK85000	C-CT Centering Telescope with UW Adapter
5 MBB71315	C-N6 ESD Sextuple Nosepiece ESD
	Objectives
6 MBC91110	C-SR2S Right Handle Stage with ZSHolder
7 MBD93000	NI-SS Substage
8 MBD94000	NI-CH Condenser Holder
9 MBL73100	C-C Phase Contrast Turret Condenser
10 MBE95205	NI-LH Precentered Lamphouse



- Accessories for the Ni-U microscope, such as motorized epi-fluorescence cube turrets, motorized nosepieces and motorized shutters (including intelligent types).



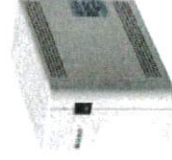
1	MBD92110	NIU-CAM Contact Arm
2	MBF95410	NI-CTLB Control Box B
3	MBF95420	NIE-CB Connector Box
4	MBF95120	NI-SRCP Simple Remote Control Pad
5	MQA21020	DS-L3 DS Camera Control Unit
	MQF52055	AC Adapter 2
	MXA22113	C-CTC Camera Trigger Cable U3/L3
	MEF51001	TI-100WRC 100W Lamphouse Remote Cable
6	MBP98405	NI-N7-E Motorized Septuple Nosepiece
7	MBP99405	NI-N7-I Intelligent Septuple Nosepiece
8	MBP98325	NI-ND6-E Motorized DIC Sextuple Nosepiece
9	MBP99325	NI-ND6-I Intelligent DIC Sextuple Nosepiece
10	MBE94300	NI-FLT6-E Motorized Epi-fluorescence Cube Turret
11	MBE94400	NI-FLT6-I Intelligent Epi-fluorescence Cube Turret
12	MBE96000	NI-SH-E Motorized Shutter
	MBE96930	NI-SHCL Motorized Shutter Cable Long
	MBE96900	NI-SHAEP-U Motorized Shutter Adapter for Upright Epi-FL ^{*1}
	MBE96910	NI-SHADI Motorized Shutter Adapter for Dia-Illumination ^{*2}

*1 Required for attaching the NI-SH-E Motorized Shutter to the NI-FL1 EPI-Fluorescence Attachment.

*2 Required for attaching the NI-SH-E Motorized Shutter to the diascopic illumination unit.



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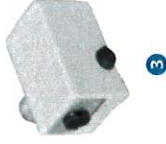
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• Attaching the photoactivation unit to the Ni-U microscope also enables photoactivation imaging.

MBA92010	ECLIPSE Ni-U Main Body
1 MBD92110	NIU-CAM Contact Arm
2 MBB94521	NI-TT Quadrocular Tilting Tube
3 MBB96721	NI-RPZ DSC Zooming Port for Quadrocular Tube
MBB94700	C-TAQ Tube Adapter for Quadrocular Tube
MQD42000	C-Mount TV Adapter A
MAK10100	CFI 10X Eyepiece (2 pcs.)
MBE94500	NI-FLT6 Epi-fluorescence Cube Turret
MBE94100	NI-FL1E1 EPI-Fluorescence Attachment
4 MBE94300	NI-FLT6-E Motorized Epi-fluorescence Cube Turret
5 MBE94800	NI-PAU Ni Photoactivation Unit
-	FL Filter Cubes
MBF72665	C-HGFIE HG Precentered Fiber Illumination Intensilight
MBF72600	C-HGFIE-C HG Controller
MBF71610	C-HGFIF15 HG Fiber
MBF72311	C-HGFIB HG100W Adapter R
6 MBP98325	NI-ND6-E Motorized DIC Sextuple Nosepiece
7 MBN91920	NI-FA FL/DIC Analyzer
8 MBN74960	D-LP Lambda Plate
9 -	D-C DIC Sliders



Objectives	
MBC91110	C-SR2S Right Handle Stage with 2SHolder
MBD93000	NI-SS Substage
MBD94000	NI-CH Condenser Holder
10	MBL99000 NI-CUD Universal Condenser Dry
11	MBH99000 NI-CALN1 2-4X Auxiliary Lens for N1 Position ^{*1,2}
12	MBH70200 D-C 2-4X Auxiliary Lens for N2 Position ^{*1,3}
13	MBH72300 D-C DIC N1 DRY DIC Module
14	MBH72310 D-C DIC N2 DRY DIC Module
15	MBN74940 D-DP DIC Rotatable Polarizer
16	MBF95410 NI-CTLB Control Box B
17	MBF95120 NI-SRCP Simple Remote Control Pad
MQA21020	DS-L3 DS Camera Control Unit
MQF52055	AC Adapter 2
MXA22113	C-CTC Camera Trigger Cable U3/L3
MEF51001	TI-100WRC 100W Lamphouse Remote Cable
MBE95205	NI-LH Precentered Lamphouse



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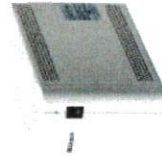
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Option

18	MBH70210	D-C PH-1 PH Module ^{*4}
19	MBH70220	D-C PH-2 PH Module ^{*4}
20	MBH70230	D-C PH-3 PH Module ^{*4}
21	MBH70250	D-C DF Dark Field Module ^{*5}

*1 Required when using 2x and 4x objectives

*2 Cannot be used when N1 Dry DIC Module is in use

*3 Cannot be used when N2 Dry DIC Module is in use

*4 For use in combination with phase contrast objectives

*5 Required for darkfield observation

Ni-U simultaneous multichannel imaging set.....15-1

• Attaching the back port unit to the Ni-U microscope also enables simultaneous multichannel imaging.

MBA92010	ECLIPSE Ni-U Main Body
1	MBD92110 NIU-CAM Contact Arm
	MBB93110 C-TT Trinocular Tube T
	MBB73520 Y-TV TV Tube
	MQD42000 C-Mount TV Adapter A
	MAK10100 CFI 10X Eyepiece (2 pcs.)
2	MBE94500 NI-FLT6 Epi-fluorescence Cube Turret
3	MBE94200 NI-BPU Back Port Unit
4	MXA22128 C-FL2 Blank Cube
5	MBE49310 C-FLM Mirror Cube
6	MBE49300 C-FLF FRET Cube
7	MBB96900 NI-RPS DSC Support Column
8	MBB96910 NI-RPSAA DSC Adapter A (for the Andor iXon Series)
9	MBE94300 NI-FLT6-E Motorized Epi-fluorescence Cube Turret
10	MBE94100 NI-FLEI EPI-Fluorescence Attachment
-	FL Filter Cubes
	MBF72665 C-HGFIE HG Precentered Fiber Illumination Intensilight
	MBF72600 C-HGFIE-C HG Controller
	MBF71610 C-HGFIF15 HG Fiber
	MBF72311 C-HGFIB HG100W Adapter R
11	MBP98325 NI-ND6-E Motorized DIC Sextuple Nosepiece
12	MBN91920 NI-FA FL/DIC Analyzer
13	MBN74960 D-LP Lambda Plate
14	- D-C DIC Sliders



Objectives	
MBC91110	C-SR2S Right Handle Stage with ZSHolder
MBD93000	Ni-SS Substage
MBD94000	Ni-CH Condenser Holder
15 MBL99000	Ni-CUD Universal Condenser Dry
16 MBH99000	Ni-CALN1 2-4X Auxiliary Lens for N1 Position ^{**2}
17 MBH70200	D-C 2-4X Auxiliary Lens for N2 Position ^{**3}
18 MBH72300	D-C DIC N1 DRY DIC Module
19 MBH72310	D-C DIC N2 DRY DIC Module
20 MBN74940	D-DP DIC Rotatable Polarizer
21 MBF95410	Ni-CTLB Control Box B
22 MBF95120	Ni-SRCP Simple Remote Control Pad
MQA21020	DS-L3 DS Camera Control Unit
MQF52055	AC Adapter 2
MXA22113	C-CTC Camera Trigger Cable U3/L3
MEF51001	TI-100WRC 100W Lamphouse Remote Cable
MBE95205	Ni-LH Precentered Lamphouse



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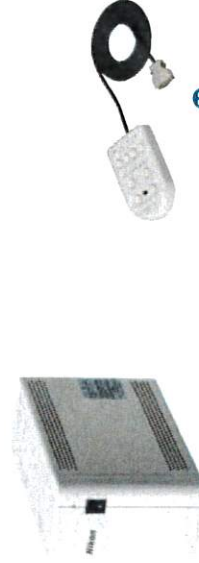
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Option

23 MBB96920	Ni-RPSAB DSC Adapter B (for the Roper Cascade Series)
24 MBH70210	D-C PH-1 PH Module ^{*4}
25 MBH70220	D-C PH-2 PH Module ^{*4}
26 MBH70230	D-C PH-3 PH Module ^{*4}
27 MBH70250	D-C DF Dark Field Module ^{*5}

*1 Required when using 2x and 4x objectives

*2 Cannot be used when N1 Dry DIC Module is in use

*3 Cannot be used when N2 Dry DIC Module is in use

*4 For use in combination with phase contrast objectives

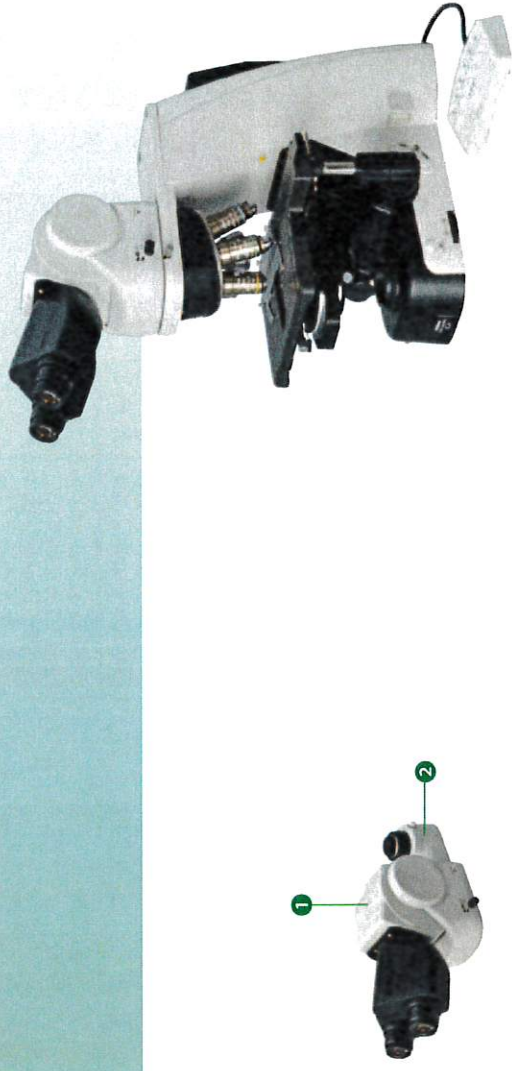
*5 Required for darkfield observation

- Ci-E set for brightfield observation.

MBA93000	ECLIPSE Ci-E Main Body
1	MBB93800 C-TE2 Ergonomic Binocular Tube
2	MBB96800 C-TEP2 DSC Port for Ergonomic Binocular Tube
MAK10100	CF1 10X Eyepiece (2 pcs.)
	Objectives
3	MBC91110 C-SR2S Right Handle Stage with 2SHolder
MBL99300	CI-C-E Motorized Swing-out Condenser

Option

4	MBP91705 CI-NS Spacer for Nosepiece
5	MBN97000 CI-FCH Filter Cassette Holder
MXA22122	CI-IRC IR Cut Filter for CI
6	MBB75360 C-IA Analyzer Tube for First-order Red Compensation
7	MBB75380 C-TP Polarizer for First-order Red Compensation
8	MBB75350 C-ISA Analyzer Tube for Simple Polarization
9	MBB75370 C-SP Polarizer for Simple Polarization



For First-order Red Compensation

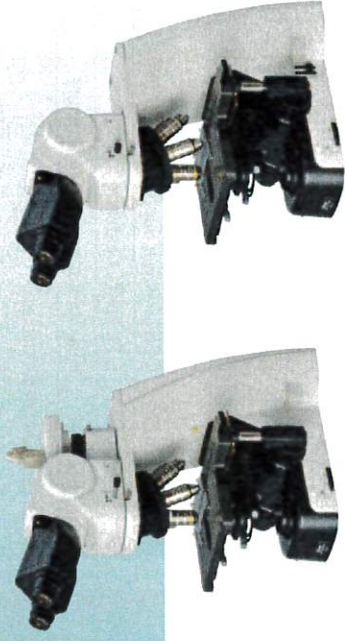


For Simple Polarization

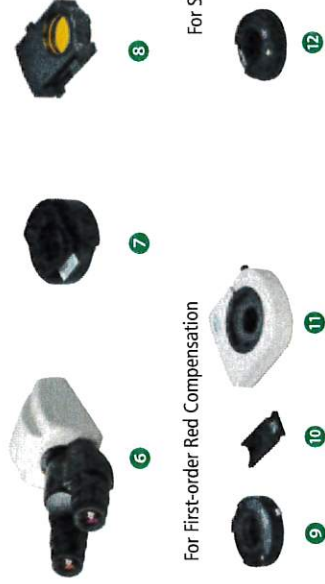


Ci-L/Ci-S brightfield set

- Ci-L/Ci-S set for brightfield observation.



MBA94010	ECLIPSE Ci-S Main Body
MBA95000	ECLIPSE Ci-L Main Body
1	MBB93800 C-TE2 Ergonomic Binocular Tube
2	MBB96800 C-TEP2 DSC Port for Ergonomic Binocular Tube
	MAK10100 CFI 10X Eyepiece (2 pcs.)
3	MBP71315 C-N6 ESD Sextuple Nosepiece ESD
	Objectives
4	MBC91110 C-SR2S Right Handle Stage with 2SHolder
5	MBL71100 C-C Abbe Condenser NA 0.9



For First-order Red Compensation

For Simple Polarization

Option

6	MBB92100	C-TB Binocular Tube
	MBP71325	C-N6A Sextuple Nosepiece with Analyzer Slot
7	MBP91705	CI-NS Spacer for Nosepiece
8	MBN97000	CI-FCH Filter Cassette Holder
	MXA22122	CI-IRC IR Cut Filter for Ci
	MBP71325	C-N6A Sextuple Nosepiece with Analyzer Slot
9	MBB75380	C-TP Polarizer for First-order Red Compensation
10	MBN91921	C-AS Analyzer Slider for First-order Red Compensation ^{*1,2}
11	MBB75360	C-IA Analyzer Tube for First-order Red Compensation
12	MBB75370	C-SP Polarizer for Simple Polarization
13	MBN74925	D-SA Analyzer Slider for Simple Polarization ^{*1,3}
14	MBB75350	C-ISA Analyzer Tube for Simple Polarization

*1 For use in combination with C-N6A Sextuple Nosepiece with Analyzer Slot.

*2 C-IA Analyzer Tube for First-order Red Compensation can be used as an alternative.

*3 C-ISA Analyzer Tube for Simple Polarization can be used as an alternative.

- Ci-E set for epi-fluorescence observation.

MBA93000	ECLIPSE Ci-E Main Body
1	MBB93800 C-TEZ Ergonomic Binocular Tube
2	MBB96800 C-TEP2 DSC Port for Ergonomic Binocular Tube
MAK10100	CFI 10X Eyepiece (2 pcs.)
3	MBE94310 CI-FL Epi-fluorescence Attachment
4	Filter Cubes
5	MBF72655 C-HGFI HG Precentered Fiber Illumination Intensilight
6	MBF71610 C-HGFI15 HG Fiber
7	MBF72311 C-HGFIB HG100W Adapter R
	Objectives
8	MBC91110 C-SR2S Right Handle Stage with ZSHolder
MBL99300	CI-C-E Motorized Swing-out Condenser



Option

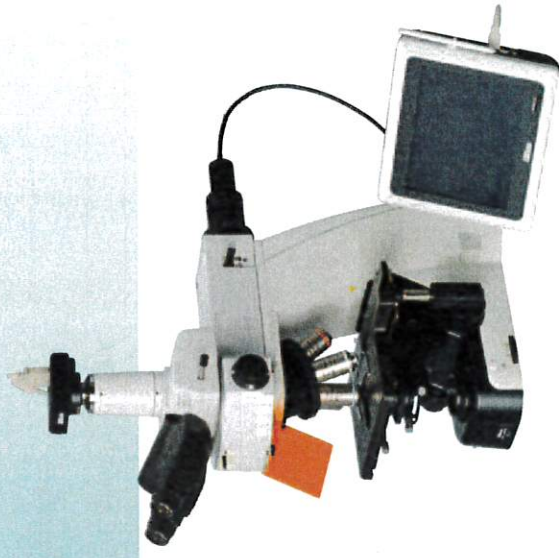
9	MBB93100	C-TF Trinocular Tube F
10	MBB93110	C-TT Trinocular Tube T
	MBB73520	Y-TV TV Tube
	MQD42000	C-mount TV Adapter A
11	MBE25301	Lamphouse HMX-3B
12	MBF33342	Mercury Lamp Socket S 100W BL
13	MBE75010	C-FC Epi FL Collector Lens
14	MBF12321	C-SHG1 Power Supply for HG 100W
15	MBE75060	C-FC Epi-FL Centering Tool
16	MBE74100	D-FL Epi-fluorescence Attachment*



* Up to 6 filter cubes can be attached.

• Ci-L/Ci-S set for epi-fluorescence observation.

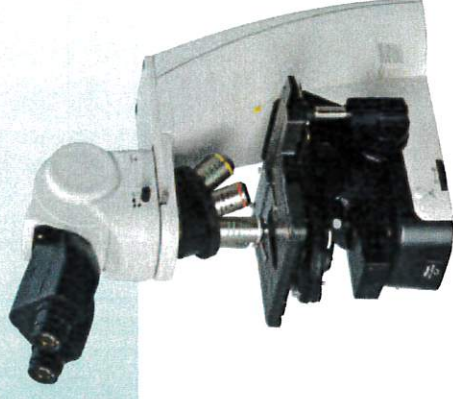
MBA95000	ECLIPSE Ci-L Main Body
MBA94010	ECLIPSE Ci-S Main Body
1	MBB93800 C-TE2 Ergonomic Binocular Tube
2	MBB96800 C-TEP2 DSC Port for Ergonomic Binocular Tube
MAK10100	CFI 10X Eyepiece (2 pcs.)
3	MBE94310 Ci-FL Epi-fluorescence Attachment
4	- Filter Cubes
5	MBF72655 C-HGFI HG Precentered Fiber Illumination Intensiflight
6	MBF71610 C-HGFI15 HG Fiber
7	MBF72311 C-HGFIB HG100W Adapter R
MBP71315	C-N6 ESD Sextuple Nosepiece ESD
Objectives	
8	MBC91110 C-SR2S Right Handle Stage with 2SHolder
MBL71100	C-C Abbe Condenser NA 0.9



Option

9	MBB93100	C-TF Trinocular Tube F
10	MBB93110	C-TT Trinocular Tube T
	MBB73520	Y-TV TV Tube
	MQD42000	C-mount TV Adapter A
11	MBE25301	Lamphouse HMX-3B
12	MBF33342	Mercury Lamp Socket S 100W BL
13	MBE75010	C-FC Epi FL Collector Lens
14	MBF12321	C-SHG1 Power Supply for HG 100W
15	MBE75060	C-FC Epi-FL Centering Tool
16	MBE74100	D-FL Epi-fluorescence Attachment*

* Up to 6 filter cubes can be attached.



MBA93000	ECLIPSE Ci-E Main Body
MBA95000	ECLIPSE Ci-L Main Body
MBA94010	ECLIPSE Ci-S Main Body
1 MBB93800	C-TE2 Ergonomic Binocular Tube
2 MBB96800	C-TEP2 DSC Port for Ergonomic Binocular Tube
3 MAK10100	CF1 10X Eyepiece (2 pcs.)
4 MAK85000	C-CT Centering Telescope with UW Adapter
5 MBP71315	C-N6 ESD Sextuple Nosepiece ESD ^{*1}
	Objectives
6 MBC91110	C-SR2S Right Handle Stage with 2SHolder
7 MBL73100	C-C Phase Contrast Turret Condenser
8 MBN97000	CI-FCH Filter Cassette Holder



Option

9 MBB93100	C-TF Trinocular Tube F
10 MBB93110	C-TT Trinocular Tube T
11 MBB73520	Y-TV TV Tube
	C-mount TV Adapter A

*1 Not required for Ci-E microscope.

Tubes	Beam Split Ratio (Eyepiece/Upper port/Rear port)	Field Number
1 MBB94510 NI-TT-E Motorized Quadrocular Tilting Tube	100/0/0, 0/100/0, 0/0/100	22/25
2 MBB94521 NI-TT Quadrocular Tilting Tube	100/0/0, 0/100/0, 0/0/100	22/25
3 MBB92100 C-TB Binocular Tube	100/-/-	22
4 MBB93100 C-TF Trinocular Tube F	100/0/-, 0/100/-	22/25
5 MBB93110 C-TT Trinocular Tube T	100/0/-, 20/80/-, 0/100/-	22/25
MHB43200 C-TT-C Trinocular Tube T	100/0/-, 0/100/- (for C2 Scanning Head)	22/25
6 MBB93800 C-TE2 Ergonomic Binocular Tube	100/-/0, 50/-/50	22

Ports	Magnification
7 MBB96710 NI-RPZ-E Motorized DSC Zooming Port for Quadrocular Tube ^{*1}	0.6x - 2.0x
8 MBB96721 NI-RPZ DSC Zooming Port for Quadrocular Tube ^{*2}	0.6x - 2.0x
9 MBB96800 C-TEP2 DSC Port for Ergonomic Binocular Tube	0.7x

TV-Tube
10 MBB94700 C-TAQ Tube Adapter for Quadrocular Tube
11 MBB73520 Y-TV TV Tube
MBB73550 Y-TV 0.55 TV Tube

*1 For use in combination with NI-TT-E Motorized Quadrocular Tilting Tube
 *2 For use in combination with both NI-TT-E Motorized Quadrocular Tilting Tube and NI-TT Quadrocular Tilting Tube.



TV-Adapter, etc.



12 MAB53410 V-T Photo Adapter
13 MQD42060 C-Mount TV Adapter 0.6X
14 MQD42040 C-Mount TV Adapter 0.45X
15 MQD51040 C-Mount TV Adapter 0.35X
16 MQD42140 C-Mount TV Adapter VM4X
17 MQD42120 C-Mount TV Adapter VM2.5X
18 MQD42000 C-Mount TV Adapter A
MQD42070 C-Mount Adapter 0.7X
MQD42055 C-Mount Adapter 0.55X
MHV55070 A1-U-TT FN1/Ni Adapter (for A1 Scanning Head) ^{*3}
MHV40100 C2-NI-TT Quadrocular Tilting Tube (for C2 Scanning Head) ^{*3}

*3 To be used in combination with NI-TT-E Motorized Quadrocular Tilting Tube or NI-TT Quadrocular Tilting Tube

	Field Number	Reticule
1 MAK10100 CFI 10X Eyepiece	22	-
2 MAK30100 CFI UW 10X Eyepiece	25	-
MAK11100 CFI 10XM Eyepiece with Photo Mask	22	Photomask
MAK31100 CFI UW 10X M Eyepiece with Photo Mask	25	Photomask
3 MAK10150 CFI 15X Eyepiece	14.5	-
4 MAK99000 CFI UW EG Eye Guard	-	-



	Field Number	Reticule
5 MBD93010 NI-SSR Substage for Rotatable /Motorized Stage		
6 MBD93000 NI-SS Substage		
7 MBD94000 NI-CH Condenser Holder		
8 MBD93030 NI-SSF Substage for Focusing Nosepiece		



	Field Number	Reticule
9 MBC91010 NIE-CSRR2 Right Handle Rotatable Ceramic Stage with Holder		
10 MBC91030 NIU-CSRR2 Right Handle Rotatable Ceramic Stage with Holder		
11 MBC91110 C-SR2S Right Handle Stage with 2S Holder		
12 MBC91115 C-CSR1S Right Handle Ceramic Stage with 1S Holder		
13 MBC91130 C-CSR Right Handle Ceramic Stage		
14 MBC95020 C-H2L Specimen Holder 2L		
15 MBC95025 C-H1L Specimen Holder 1L		
16 MBC90040 C-H1C Double Arm Specimen Holder		
17 MBC96100 NI-S-E Motorized XY Stage		
18 MBC96110 NI-SA Motorized XY Stage Adapter		
19 MBF95130 NI-SJ Joystick for Motorized Stage		
20 MBF95110 NI-ERG NI Ergo Controller		
21 MXB22406 NI-SH-D Dish Holder		
22 MBC74001 FN-3PS2 FN1 Standard Stage		
23 MBC94100 NI-3PSA Adapter for FN1 Standard Stage		

Condenser	NA	O.D. (mm)	Objective Magnification*
1 MBL71100 C-C Abbe Condenser NA 0.9	0.9	1.9	4x-100x
2 MBL71200 C-C Achromat Condenser NA 0.9	0.8	2.0	4x-100x
3 MBL11300 Achromat Swing-out Condenser 2-100x	0.9/0.22	1.8	2x-100x
4 MBL71500 C-C Slide Achro Condenser 2-100x	0.9	2.2	2x-100x
5 MBL71300 C-C Achromat Swing-out Condenser 1-100x	0.8/0.12	3.2	1x-100x
6 MBL71400 C-C Achromat Aplanatic Condenser	1.4	1.6	10x-100x
X LWD Condenser	0.65	10.2	4x-40x
7 MBL12010 Darkfield Condenser for X/Y (Oil)	0.8-0.95	4	20x-40x
8 MBL12000 Darkfield Condenser for X/Y (Dry)	1.2-1.43	1.5	20x-100x
9 MBL78700 D-CUO DIC Condenser Oil	1.4	1.6	10x-100X
MBL99000 NI-CUD Universal Condenser Dry	0.88	2.5	2x-100X
MBL99800 NI-CUD-E Motorized Universal Condenser Dry	0.88	2.5	2x-100X

*FO.V22

Intermediate Module

10 MBB75710 C-ER Eyelevel Riser
11 MBB74100 Y-IDP Double Port (Beam split ratio: Eyepiece/Rear Port = 55/45, 100/0)
12 MBB75500 Y-IM Magnification Module (1x, 1.25x, 1.5x, 2x)
13 MBB75400 Y-IDT Drawing Tube

Other accessories

14 MBE49100 D-FLE Filter Cube for Reflected Illumination
15 MBE49200 D-FLD Filter Cube for Darkfield Illumination
16 MBH79000 D-ES Slider for Reflected Illumination
17 MXA22129 C-FK Fine Focus Knob
MBN91802 NI-ND2 Filter 36mm ND2 ^{*1}

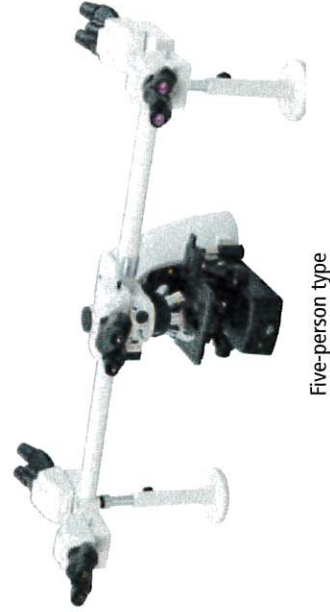
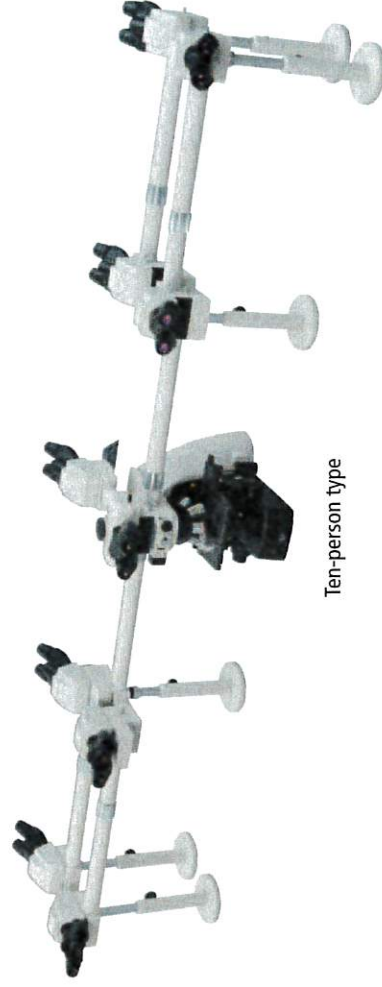
*1 For Ni only



1	MBB75100	Y-THF Teaching Unit Face to Face
2	MBB75110	Y-THS Teaching Unit Side by Side Unit B
3	MBB75120	Y-THM Main Teaching Unit
4	MBB75131	Y-THR-L Teaching Unit Side by Side Type L
5	MBB75150	Y-THSP Support for Side by Side
6	MBB75141	Y-THPL LED Pointer Unit for Teaching Head
7	MBF81001	TH-AC2 AC Adapter for TH Pointer Unit



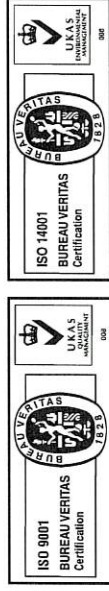
Side-by-side



 **WARNING** TO ENSURE CORRECT USAGE, READ THE CORRESPONDING MANUALS CAREFULLY BEFORE USING YOUR EQUIPMENT.

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