



PANTHERA TEC POL Series

## PANTHERA TEC POL DIGITAL









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Optical system (CotS)®)Cotac Concector linking Outical System (COS)®)Observation tubeBinocular head, Siedening Hype with built-in digital cameraSensor typeGMSSensor typeSiPA (2592x1944 puole)Charlan sensor tubeSiPA (2592x194 puole)Charlan sensor tubeSiPA (25		
Sensor type     CMOS       Sensor size     12.5°       Capture resolution     SPP (2592:1944 picels)       Like display mode through Wi-Fi     1920:1080 (Full HD)       Like display mode through HDMI     1920:1080 (Full HD)       Live display mode through HDMI     1920:1080 (Full HD)       Live display mode through HDMI     1920:1080 (Full HD)       Live display mode through HDMI     1920:1080 (Full HD)       Diptar adjustment     Wi-Fi, HDMI, Fihrment       Inclination     25° Inclined       Interpupillary distance     48-78mm       Diptar adjustment     On both avgalaces, +1-4 displar       Keppleces     WideHeID (U-WF10X/22mm with displar adjustment       Intermediate Body     Rotatable analyzer 360°, Bertrand lens and sich for compensators       Nosepice     Reversed quintubuc, code with single centring holes       Objective classification     COIS® UC Plan Achromatic (strain-free), DIN       Objectitwe nownting threa     Wir2NLG* (RMS st	Optical system	Colour Corrected Infinity Optical System (CCIS®)
Series     1/2.5"       Capture resolution     5MP (2592/1944 pixels)       Live display mode through Wi-Fi     1920x1080 (Full HD)       Live display mode through Homet     1920x200 (800 pixels (Full HD)       Live display mode through HDMI     1920x1080 (Full HD)       Data transfer     Wi-Fi, HDMI, Ethernet       Interpupillary distance     48-75mm       Diopter adjustment     On both opopices, 4/-4 diopter       Spepices     Wiefeled UC-WI FOX22mm with diopter adjustment intermediate Body       Rotabele andµurkupic, coded with single cantering huiss     Objective adjustment intermediate Body       Objective classification     CCIS® UC Plan Achternatic (strain-free), DIN       Objective mounting thread     W4/5x1/36' (RMS standard)       Objective mounting thread     Usright       State type     Concusate relating 360°, lockable       State size     Oicomut       State type     Concusate canter adjustment.       Free focus precision     Quir Warrier scale       Condenser     Quir Warrier scale       Condenser     Quir Warrier scale       State type     Quir Warrier scale       Contermedine Marier State State and renerater beformat Swing-out A	Observation tube	Binocular head, Siedentopf type with built-in digital camera
Capture resolutionEMP (2592x1944 pixels)Live display mode through Wi-Fi1920x1080 (Full I/D)Live display mode through Homet1260x720, 1920x1080 pixels (Full HD)Live display mode through HOM1920x1080 (Full I/D)Data transferWi-Fi, HDM, EthernetInclination25F inclinedInterpupillary distance48-75mnDippter adjustmentOn both eyepieces, +/- 4 diopterSteppiecesWidefield UC-WF IDX/22mm with diopter adjustmentIntermediate BodyRotatable analyzer 360°, Bertrand lens and slot for compensatorsNosepieceReversed outinup(e.code with single centering holesObjective classificationCOIS® UC Plan Achromatic (strain-free), DINObjective slossificationUF/six1/36' (RMS standard)Stage0160nmStage0160nmStage is c0160nmConsensitionCorsult rotating 360°, lockableStage is c0160nmConsensitionCosical carses and fine focusing system with tension adjustmentFocus precisionQuer lenst stop present but adjustableFocus precisionQuer lenst stop present but adjustableFine focus precisionOn top of the illuminator with fixing capFocus precisionMode (Ligh Threae: Ligh Temper Ligh Achromateded)Fine focus precisionMode (Ligh Threae: Ligh Temper	Sensor type	CMOS
Lee display mode through Wi-Fi     1920x1080 (Fuil HD)       Live display mode through ethernet     1280x720,1920x1080 (pikes (Fuil HD)       Live display mode through HDMI     1920x1080 (Fuil HD)       Data transfer     Wi-Fi, HDMI, Fthernet       Interpupilary distance     4875mm       Dipter adjustment     On both reprisences, +/-4 diopter       Experisence     Widefield UC-WF10X/22mm with diopter adjustment       Interpupilary distance     Reversed quintuple, coded with single centering holes       Objective classification     CCS® UC Plan Activomatic (strain-free), DIN       Objective classification     CCS® UC Plan Activomatic (strain-free), DIN       Objective classification     CCs® UC Plan Activomatic (strain-free), DIN       Objective classification     CCcS® UC Plan Activomatic (strain-free), DIN       Objective classification     Ciccular rotating 360°, lockable       Stand type     Up/optit       Stand type     Objective classification       Condenser     Cocular rotating 360°, lockable       Stange ising     0160mm       Trave tange XAP     1° increments, 0.1° vernier scale       Condenser     Cocular rotating 360°, lockable       Stage     0160mm <th>Sensor size</th> <th>1/2.5"</th>	Sensor size	1/2.5"
Live display mode through ethernet     1280x720.1920x1080 (rkl HD)       Live display mode through HDMI     1920x1080 (rkl HD)       Data transfer     Wi-Fi, HDM, Ethernet       Inclination     25° inclined       Interpupillary distance     48-75mm       Diopter adjustment     On both eyepieces, +/- 4 diopter       Repeieces     Widefield UC-WF10X/22mm with diopter adjustment       Intermediate Body     Rotatable analyzer 360°, Bortnam (lens and slot for compansators       Nosepiece     Reversed quintuple, coded with single centering holes       Objective classification     CCIS® UC Plan Achromatic (strain-free), DIN       Objective classification     CCIS® UC Plan Achromatic (strain-free), DIN       Objective mounting thread     W 4/5x1/36 (rMS standard)       Stand type     Upright       Stand type     Upright       Stand specifien     Conclure rotating 360°, lockable       Condenser     Focusable and centerable Achromat Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free) and rotatable ploat/ver       Dialyticge     Upright       Stand type     Upre limit stop preset but adjustable       Condenser     Condenser N.A. 0.90/0.13 (strain-free) and rotatable ploadit/ver       Dialytizge </th <th>Capture resolution</th> <th>5MP (2592x1944 pixels)</th>	Capture resolution	5MP (2592x1944 pixels)
Live display mode through HDMI     1920x1080 (Full HD)       Data transfer     Wi-Fi, HDMI, Ethernet       Inclination     25 <sup>0</sup> Inclined       Interpupilary distance     48-75mm       Dippter adjustment     On both repepieces, +/- 4 diopter       Eyepieces     Widelied UC-WF 10X/22mm with diopter adjustment       Intermediate Body     Rotatable analyzer 360°, Bertrand lens and slot for compensators       Nossepiece     Reversed quintuple, coded with single centering holes       Objective classification     CDIS® UC Plan Achromatic Karin free). DIN       Objective mounting thread     4X/0.1 (WD 30.5mm), 10X/0.25 (WD 17.4mm), 40X/0.65/S (WD 0.6mm), 60X/0.8/S (WD 0.35mm)       Objective assification     CCIS® UC Plan Achromatic Karin free). DIN       Objective mounting thread     W 475x136° (RMS standard)       State     QI60mm       Stage size     QI60mm       Travel range X&Y     Plancrements, 0.1° vernier scale       Condenser     Cosciala coarse and fine focusing system with tension adjustment       File focus precision     2µm       Focus data coarse and fine focus ing system with tension adjustment       File focus precision     Quer Imit stop preset but adjustabale       File focus precision <th>Live display mode through Wi-Fi</th> <th>1920x1080 (Full HD)</th>	Live display mode through Wi-Fi	1920x1080 (Full HD)
Data transfer     Wi-Fi, HDMi, Ethernet       Inclination     25 <sup>k</sup> Inclined       Interpullary distance     48-75mm       Diopter adjustment     On both syepices, +/- 4 diopter       Experieces     Widefield UC-WF IDX/22mm with diopter adjustment       Intermediate Body     Roatabale analyzer 360 <sup>k</sup> , Bertrand lens and slot for compensators       Nesepice     Reversed quintuple, coded with single centering holes       Objective classification     CCIS <sup>BO</sup> UC Plan Achromatic (Strain-Free), DIN       Objective mounting thread     W.4/5'x1/36 <sup>c</sup> (RMS standard)       Stard type     Upright       Stage size     Ø160mm       Tavel ange X&Y     1 <sup>k</sup> increments, 0,1 <sup>k</sup> vernier scale       Condenser     Could cars and fine focusing system with tension adjustment       Fine focus precision     2µm       Focusing stroke     25mm       Upper limit stop     Upper limit stop preset but adjustable       File holder     On to of the illuminator with fixing cap       Transmitted illuminator     Hologen/LD and LED coldr temperature interchangeability       Hubper LED 3W & Quartz halogen 6W30W with intensity control     Illuminatoin interchangeability       Halogen/LD and LED coldr temperature interchangea	Live display mode through ethernet	1280x720, 1920x1080 pixels (Full HD)
Inclination25° inclinedInterpupillary distance48-75mmDioper adjustmentOn both eyepices, +/ 4 diopterEyepicesWidefield UC-WF 10X/22m with diopter adjustmentIntermediate BodyRotatable analyzer 360°, Bertrand Iens and slot for compensatorsNosepiceReversed quintuple, coded with single centering holesObjective classificationCCIS <sup>®</sup> UC Pian Achromatic (strain-free), DINObjective classificationCCIS <sup>®</sup> UC Pian Achromatic (strain-free), DINObjective mounting threadW 4/5/1/36' (KMS standard)Stade SizeUprightStageCiccular rotating 360°, lockableStage izeOiformCondenserPoicusable and centerable Achromat Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free) and rotatable polarizerDiahragmIris clasphragmFocus ancelanismCoaxial coarse and fine focusing system with tension adjustmentFocus precisionJumFilter holderOn top of the illuminator with fixing capTammitted illuminationKoeHer LED SW & Quartz halogen 6V/30W with intensity controlIllumination interchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination featuresInternalSoftwareInternalPower supplyUp 2.0 for external Devices (x2)AnasymerInternalKoterer, SupplyUp 2.0 for external Devices (x2)AnasymerInternalRotaria SupplyUp 2.0 for external Devices (x2)AnasymerInternalRotaria SupplyUp 2.0 for external Devic	Live display mode through HDMI	1920x1080 (Full HD)
Interquillary distance48-75mmDiopter adjustmentOn both eyepieces, +/- 4 diopterEyepiecesWidefield UC-WT10X/22mm with diopter adjustmentIntermediate BodyRotatable analyzer 360°, Bertrand lens and slot for compensatorsNosepieceReversed quintuple, coded with single centering holesObjective LassificationCCIS® UC PIN acAtronatic (strain-free), DINObjective Iouting threadW 4/5X1/36' (RMS standard)Objective Stape StapeQirodar rotating 360°, lockableStage StapeQirodar rotating 360°, lockableStage StapeQiedmentersetsOpalarerPin increments, 0,1° vernier scaleCondenserFocusable and centerable Achromat Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free) and rotatable polarizerDiaphragmIris diaphragmFocus mechanismCoaxial coarse and fine focusing system with tension adjustmentFocus mechanismOn op of the illuminator with fixing capTransmitted illuminationWole (LightTracer: Light memory, sleep mode (aut on-rol), nosepiece LED light intensity and mode indicatorTansmitted illuminationInterned Sk Quart halogen 6V/30W with intensity controlIllumination InterchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination InterchangeabilityHalogen/LED and LED color temper	Data transfer	Wi-Fi, HDMI, Ethernet
InterpretationDipter adjustmentOn both eyepieces, +/- 4 diopterEyepiecesWidefield UC-WF10X/22mm with diopter adjustmentIntermediate BodyRotabable analyzer 360°, Bertrand Iens and slot for compensatorsNosepieceReversed quintuple, coded with single centering holesObjective classificationCCIS® UC Plan Achromatic (strain-free), DINObjective mounting threadW 4/5°x1/36° (RMS standard)StageCorcular rotating 360°, lockableStage sizeØ160mmTavel range &&Y1° increments, 0, 1° vernier scaleCondenserPoicular rotating 360°, lockableStage sizeØ160mmTavel range &&Y1° increments, 0, 1° vernier scaleCondenserCousable and centerable Achromat Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free) and rotatable polarizerDiaphragmIris diaphragmFocus precision2µmFocus precisionUpper limit stop preset but adjustableUpper limit stopUpper limit stop preset but adjustableTavminted illuminationKoehler LED 3W & Quartz halogen 6V/30W with intensity controlIllumination interchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination feeturesMote Light Tracer. Light memory, step mode (auto on-off), nosepiece LED light intensity and mode indicatorSoftwareInterdalBillo Light Tracer. Light memory, step mode (auto on-off), nosepiece LED light intensity and mode indicatorSoftwareIntegrot/CED and LED color temperature interchangeabilityIllumination interchangeabilityHalogen/LED and LED	Inclination	25° inclined
Experieces     Widefield UC-WF10X/22mm with diopter adjustment       Intermediate Body     Rotatable analyzer 360°, Bertrand lens and slot for compensators       Nosepiece     Reversed quintuple, coded with single centering holes       Objective classification     CDS® UC Plan Achromatic (strain-free), DIN       Objective mounting thread     W/A/5.3/C (RMS standard)       Stand type     Upright       Stage     CIrcular rotating 360°, lockable       Stage size     OISOmm       Tavel range X&Y     1° increments, 0,1° vernier scale       Condenser     Cocusal and centerable Achromat Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free) and rotatable polarizer       Diaphragm     Hris diaphragm       Focusable and centerable Achromat Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free) and rotatable polarizer       Diaphragm     Iris diaphragm       Focus precision     2µm       Focus precision     2mm       Upper limit stop preset but adjustable     Itercentage VI30 with intensity control       Illumination interchangeability     Holgen/LED and LED color temperature interchangeability       Illumination interchangeability     Holgen/LED and LED color temperature interchangeability       Illuminitation features     Motic LightTracer	Interpupillary distance	48-75mm
Intermediate BodyRotatable analyzer 360°, Bertrand lens and slot for compensatorsNosepieceReversed quintuple, coded with single centering holesObjective classificationCCIS® UC Plan Achromatic (strain-free), DINObjective mounting threadW4/5'x1/36' (RMS standard)Stand typeUprightStageCircular rotating 360°, lockableStage sizeQ150mmCondenserPi Increments, 0,1° vernier scaleCondenserCocaxial coarse and fine focusing system with tension adjustmentFocus mechanismCoaxial coarse and fine focusing system with tension adjustmentFine focus precision2µmFocus gravesOn top of the illuminator with fixing capFiter holderOn top of the illuminator with fixing capTransmitted illuminationKceHer LED 3W & Quartz halogen 6W/30W with intensity controlIllumination frecturesMolic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicatorSoftwareImagingOnDevice System (Panthera App embeded)TransformerInternalPower supply10-240V (CE)Other featuresUbs 2.0 for external Devices (x2)Accessories includedDisc cover, power cord, Allen key, blue filter, halogen bub, adjustable key for nosepiece, interference color chart, screws for motal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slide	Diopter adjustment	On both eyepieces, +/- 4 diopter
NesepieceReversed quintuple, coded with single centering holesObjective classificationCCIS® UC Plan Achromatic (strain-free), DINObjectives4X/0.1 (WD 30.5mm), 10X/0.25 (WD 17.4mm), 40X/0.65/S (WD 0.6mm), 60X/0.8/S (WD 0.35mm)Objective mounting threadW 4/5*1/36' (RMS standard)Stand typeUprightStage sizeCircular rotating 360°, lockableStage sizeBl60mmTavel range X&Y1° increments, 0,1° vernier scaleCondenserFocusable and centerable Achromat Swing-out Abbe condenser N.A: 0.90/0.13 (strain-free) and rotatable polarizerDiaphragmIris diaphragmFocus mechanismCoacial coarse and fine focusing system with tension adjustmentFocus mechanismCoacial coarse and fine focusing system with tension adjustmentFocus mechanismCoacial coarse and fine focusing system with tensing controlUpper limit stopUpper limit stop preset but adjustableFilter holderOn top of the illuminator with fixing capTransmitted illuminationKeoHer LED 3W & Quartz halogen 6V/30W with intensity controlIllumination featuresMotic LightTracer: Light memory, sleep mode (auto on-off), nesepiece LED light intensity and mode indicatorSoftwareImagingOnDevice System (Panthera App embeded)TransformerInternalPower supply10-240V (CE)Other featuresUSB 2.0 for extranal Devices (x2)Concer, power cord, Allen key, blue filter, halogen bub, adjustable key for nosepiece, interference colorChristerUSB 2.0 for extranal Devices (x2)Corder corder power cord, Allen	Eyepieces	Widefield UC-WF10X/22mm with diopter adjustment
Objective classificationCCIS® UC Plan Achromatic (strain-free), DINObjectives4X/0.1 (WD 30.5mm), 10X/0.25 (WD 17.4mm), 40X/0.65/S (WD 0.6mm), 60X/0.8/S (WD 0.35mm)Objective mounting threadW 4/5'x1/36' (RMS standard)Stade typeUprightStageCircular rotating 360°, lockableStage sizeØ160mmTravel range X&Y1° increments, 0,1° vernier scaleCondenserFocusable and centerable Achromati Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free) and rotatable polarizerDiaphragmIris diaphragmFocus mechanismCoaxial coarse and fine focusing system with tension adjustmentFine focus precision2µmFocusing stroke25mmUpper limit stop preset but adjustableFilter holderOn to p of the illuminator with fixing capTransmitted illuminationKoehler LED 3W & Quartz halogen 6V/30W with intensity controlIllumination interchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination featuresMotic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicatorSoftwareImagingOnDevice System (Panthera App embeded)TransformerInternalPower supply110-240V (CE)Other featuresDus to cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slideDimensions LWXH410x300x395mm	Intermediate Body	Rotatable analyzer 360°, Bertrand lens and slot for compensators
Objectives4X/0.1 (WD 30.5mm), 10X/0.25 (WD 17.4mm), 40X/0.65/S (WD 0.6mm), 60X/0.8/S (WD 0.35mm)Objective mounting threadW 4/5'x1/36' (RMS standard)Stand typeUprightStageCircular rotating 360°, lockableStage sizeØ 160mmTravel range X&Y1° increments, 0.1° vernier scaleCondenserPocusable and centerable Achromat Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free) and rotatable polarizerDiaphragmIris diaphragmFocus able and centerable Achromat Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free) and rotatable polarizerDiaphragmIris diaphragmFocus precisionCoaxial coarse and fine focusing system with tension adjustmentFocus precision2µmFocus precisionOn top of the illuminator with fixing capTransmitted illuminationKoheler LED 3W & Quartz halogen 6V/30W with intensity controlIllumination interchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination featuresMotic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicatorSoftwareInternalPower supply110-240V (CE)Other featuresUSB 2.0 for external Devices (x2)Accessories includedUSB 2.0 for external Devices (x2)Accessories includedLUS 2000395mm	Nosepiece	Reversed quintuple, coded with single centering holes
Objective mounting threadW 4/5 %1/36' (RMS standard)Stand typeUprightStageCircular rotating 360°, lockableStage sizeØ160mmTravel range X&Y1° increments, 0,1° vernier scaleCondenserFocusable and centerable Achromat Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free) and rotatable polarizerDiaphagmIris diaphragmFocus mechanismCoaxial coarse and fine focusing system with tension adjustmentFocus mechanismCoaxial coarse and fine focusing system with tension adjustmentPoersign stroke25mmUpper limit stopUpper limit stop preset but adjustableFilter holderOn top of the illuminator with fixing capTransmitted illuminationKoehler LED 3W & Quartz halogen 6V/30W with intensity controlIllumination interchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination interchangeabilityIndigingOnDevice System (Panthera App embeded)TransformerInternalPower supply10-240V (CE)Other featuresUSB 2.0 for external Devices (x2)Accessories includedUst over, power cord, Allen key, blue filter, halogen bub, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration silderDimensions LxWxH410x300x395mm	Objective classification	CCIS <sup>®</sup> UC Plan Achromatic (strain-free), DIN
Stand typeUprightStageCircular rotating 360°, lockableStage sizeØ160mmTravel range X&Y1° increments, 0,1° vernier scaleCondenserFocusable and centerable Achromat Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free) and rotatable polarizerDiaphragmIris diaphragmFocus mechanismCoaxial coarse and fine focusing system with tension adjustmentFocus precision2µmFocusing stroke25mmUpper limit stopUpper limit stop preset but adjustableFilter holderOn top of the illuminator with fixing capTransmitted illuminationKoehler LED 3W & Quartz halogen 6V/30W with intensity controlIllumination interchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination interchangeabilityInder System (Panthera App embeded)TransformerInternalPower supplyUSB 2.0 for external Devices (x2)Accessories includedDust over, power cord, Allen key, blue filter, halogen bub, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration silde	Objectives	4X/0.1 (WD 30.5mm), 10X/0.25 (WD 17.4mm), 40X/0.65/S (WD 0.6mm), 60X/0.8/S (WD 0.35mm)
TransitionCircular rotating 360°, lockableStage sizeØ160mmTravel range X&Y1° increments, 0,1° vernier scaleCondenserFocusable and centerable Achromat Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free) and rotatable polarizerDiaphragmIris diaphragmFocus mechanismCoaxial coarse and fine focusing system with tension adjustmentFine focus precision2µmFocusing stroke25mmUpper limit stopUpper limit stop preset but adjustableFine holderOn top of the illuminator with fixing capTransmitted illuminationKoehler LED 3W & Quartz halogen GV/30W with intensity controlIllumination interchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination featuresMotic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicatorSoftwareInagingOnDevice System (Panthera App embeded)TransformerInternalPower supply10-240V (CE)Other featuresUSB 2.0 for external Devices (x2)Accessories includedDust cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slideDimensions LxWxH410x300x395mm	Objective mounting thread	W 4/5"x1/36" (RMS standard)
Stage sizeØ160mmTravel range X&Y1° increments, 0,1° vernier scaleCondenserFocusable and centerable Achromat Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free) and rotatable polarizerDiaphragmIris diaphragmFocus mechanismCoaxial coarse and fine focusing system with tension adjustmentFocus mechanismCoaxial coarse and fine focusing system with tension adjustmentFocus mechanismCoaxial coarse and fine focusing system with tension adjustmentFocus mechanismCoaxial coarse and fine focusing system with tension adjustmentFocus stroke25mmUpper limit stopUpper limit stop preset but adjustableFilter holderOn top of the illuminator with fixing capTransmitted illuminationKoehler LED 3W & Quartz halogen 6V/30W with intensity controlIllumination interchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination featuresMotic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicatorSoftwareImagingOnDevice System (Panthera App embeded)TransformerInternalPower supply10-240V (CE)Other featuresUSB 2.0 for external Devices (x2)Accessories includedDust cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slideDimensions LxWxH410x300x395mm	Stand type	Upright
Travel range X&Y1° increments, 0,1° vernier scaleCondenserFocusable and centerable Achromat Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free) and rotatable polarizerDiaphragmIris diaphragmFocus mechanismCoaxial coarse and fine focusing system with tension adjustmentFine focus precision2µmFocusing stroke25mmUpper limit stopUpper limit stop preset but adjustableFilter holderOn top of the illuminator with fixing capTransmitted illuminationKoehler LED 3W & Quartz halogen 6V/30W with intensity controlIllumination interchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination featuresMotic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicatorSoftwareInternalPower supply10-240V (CE)Other featuresUSB 2.0 for external Devices (x2)Accessories includedDust cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slideDimensions LxWxH410x300x395mm	Stage	Circular rotating 360°, lockable
CondenserFocusable and centerable Achromat Swing-out Abbe condenser N.A. 0.90/0.13 (strain-free) and rotatable polarizerDiaphragmIris diaphragmFocus mechanismCoaxial coarse and fine focusing system with tension adjustmentFine focus precision2µmFocusing stroke25mmUpper limit stopUpper limit stop preset but adjustableFilter holderOn top of the illuminator with fixing capTransmitted illuminationKoehler LED 3W & Quartz halogen 6V/30W with intensity controlIllumination interchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination featuresMotic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicatorSoftwareInagingOnDevice System (Panthera App embeded)TransformerInternalPower supply110-240V (CE)Other featuresUSB 2.0 for external Devices (x2)Accessories includedDust cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration sideDimensions LxWxH410x300x395mm	Stage size	Ø160mm
polarizerDiaphragmini diaphragmFocus mechanismCoxial coarse and fine focusing system with tension adjustmentFine focus precision2µmFocusing strokeOsper limit stop preset but adjustableOpper limit stopUpper limit stop preset but adjustableFilter holderOn top of the illuminator with fixing capTransmitted illuminationKoeller LED 3W & Quartz halogen GV/30W with intensity controlIllumination interchangeabilityHolder Cloor temperature interchangeabilitySoftwareImagingOnDevice System (Panthera App embeded)Power supply10-240Y (CE)Other featuresUSB 2.0 for external Devices (x2)Accessories includedDus cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration supportDimensions LxWxH410x30X395mm	Travel range X&Y	1º increments, 0,1º vernier scale
Focus mechanismCoaxial coarse and fine focusing system with tension adjustmentFine focus precision2µmFocusing stroke25mmUpper limit stopUpper limit stop preset but adjustableFilter holderOn top of the illuminator with fixing capTransmitted illuminationKoehler LED 3W & Quartz halogen 6V/30W with intensity controlIllumination interchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination featuresMotic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicatorSoftwareImagingOnDevice System (Panthera App embeded)TransformerInternalPower supply10-240V (CE)Other featuresUsB 2.0 for external Devices (x2)Accessories includedDust cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slideDimensions LxWxH410x300x395mm	Condenser	
Fine focus precision2µmFocusing stroke25mmUpper limit stopUpper limit stop preset but adjustableUpper limit stop0n top of the illuminator with fixing capFilter holderOn top of the illuminator with fixing capTransmitted illuminationKoehler LED 3W & Quartz halogen 6V/30W with intensity controlIllumination interchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination featuresMotic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicatorSoftwareImagingOnDevice System (Panthera App embeded)TransformerInternalPower supply110-240V (CE)Other featuresUSB 2.0 for external Devices (x2)Accessories includedDust cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slideDimensions LxWxH410x300x395mm	Diaphragm	Iris diaphragm
Focusing stroke25mmUpper limit stopUpper limit stop preset but adjustableFilter holderOn top of the illuminator with fixing capTransmitted illuminationKoehler LED 3W & Quartz halogen 6V/30W with intensity controlIllumination interchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination featuresMotic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicatorSoftwareImagingOnDevice System (Panthera App embeded)TransformerInternalPower supply110-240V (CE)Other featuresUSB 2.0 for external Devices (x2)Accessories includedDust cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slideDimensions LxWxH410x300x395mm	Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Upper limit stopUpper limit stop preset but adjustableUpper limit stopUpper limit stop preset but adjustableFilter holderOn top of the illuminator with fixing capTransmitted illuminationKoehler LED 3W & Quartz halogen 6V/30W with intensity controlIllumination interchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination featuresMotic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicatorSoftwareImagingOnDevice System (Panthera App embeded)TransformerInternalPower supply110-240V (CE)Other featuresUSB 2.0 for external Devices (x2)Accessories includedDust cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slideDimensions LxWxH410x300x395mm	Fine focus precision	2µm
Filter holderOn top of the illuminator with fixing capFinanceKoehler LED 3W & Quartz halogen 6V/30W with intensity controlIlluminationKoehler LED 3W & Quartz halogen 6V/30W with intensity controlIllumination interchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination featuresMotic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicatorSoftwareImagingOnDevice System (Panthera App embeded)TransformerInternalPower supply110-240V (CE)Other featuresUSB 2.0 for external Devices (x2)Accessories includedDust cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slideDimensions LxWxH410x300x395mm	Focusing stroke	25mm
Transmitted illuminationKoehler LED 3W & Quartz halogen 6V/30W with intensity controlIllumination interchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination featuresMotic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicatorSoftwareImagingOnDevice System (Panthera App embeded)TransformerInternalPower supply110-240V (CE)Other featuresUSB 2.0 for external Devices (x2)Accessories includedDust cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slideDimensions LxWxH410x300x395mm	Upper limit stop	Upper limit stop preset but adjustable
Illumination interchangeabilityHalogen/LED and LED color temperature interchangeabilityIllumination featuresMotic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicatorSoftwareImagingOnDevice System (Panthera App embeded)TransformerInternalPower supply110-240V (CE)Other featuresUSB 2.0 for external Devices (x2)Accessories includedDust cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slideDimensions LxWxH410x300x395mm	Filter holder	On top of the illuminator with fixing cap
Illumination featuresMotic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicatorSoftwareImagingOnDevice System (Panthera App embeded)TransformerInternalPower supply110-240V (CE)Other featuresUSB 2.0 for external Devices (x2)Accessories includedDust cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slideDimensions LxWxH410x300x395mm	Transmitted illumination	Koehler LED 3W & Quartz halogen 6V/30W with intensity control
SoftwareImagingOnDevice System (Panthera App embeded)TransformerInternalPower supply110-240V (CE)Other featuresUSB 2.0 for external Devices (x2)Accessories includedDust cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slideDimensions LxWxH410x300x395mm	Illumination interchangeability	Halogen/LED and LED color temperature interchangeability
TransformerInternalPower supply110-240V (CE)Other featuresUSB 2.0 for external Devices (x2)Accessories includedDust cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slideDimensions LxWxH410x300x395mm	Illumination features	Motic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicator
Power supply110-240V (CE)Other featuresUSB 2.0 for external Devices (x2)Accessories includedDust cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slideDimensions LxWxH410x300x395mm	Software	ImagingOnDevice System (Panthera App embeded)
Other features   USB 2.0 for external Devices (x2)     Accessories included   Dust cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slide     Dimensions LxWxH   410x300x395mm	Transformer	Internal
Accessories includedDust cover, power cord, Allen key, blue filter, halogen bulb, adjustable key for nosepiece, interference color chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slideDimensions LxWxH410x300x395mm	Power supply	110-240V (CE)
chart, screws for metal extension support, HDMI Cable, Wi-Fi USB dongle, calibration slide     Dimensions LxWxH   410x300x395mm	Other features	USB 2.0 for external Devices (x2)
	Accessories included	
Net weight 9.9kg	Dimensions LxWxH	410x300x395mm
	Net weight	9.9kg