



PlaneWave

INSTRUMENTS
EU-Pricelist 03/2017
ANDROMEDA Ltd.

Item #	PW Item #	Description	EURO без ДДС
Astrographs			
CDK 12.5 / IRDK 12.5			
1323212	125103	PlaneWave CDK12.5 Astrograph f/8 with Borosilicate Optics, 3" Dovetail, Delta T Ready, 3,5" Hedrick Focuser (without EFA Kit)	11 470,59
1323212Q	125103Q	PlaneWave CDK12.5 Astrograph f/8 with Fused Silica Optics, 3" Dovetail, Delta T Ready, 3,5" Hedrick Focuser (without EFA Kit)	13 781,51
1323212I	125120	PlaneWave IRDK12.5 Dall-Kirkham f/8, Infrared optimized with Borosilicate Optics, 3" Dovetail, Delta T Ready, 3,5" Hedrick Focuser (without EFA Kit)	14 705,88
CDK 14			
1323214	140101	PlaneWave CDK14 Widefield Astrograph f/7.2 with Borosilicate Optics, 3" Dovetail, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	15 957,98
1323214Q	140101Q	PlaneWave CDK14 Astrograph f/7.2 with Fused Silica Optics, 3" Dovetail, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	17 521,01
CDK 17			
1323217	170102	PlaneWave CDK17 Astrograph f/6.8 with Borosilicate Optics, 8" Dovetail, (3,5" Hedrick Focuser and EFA Kit separately available)	23 571,43
1323217Q	170102Q	PlaneWave CDK17 Astrograph f/6.8 with Fused Silica Optics, 8" Dovetail, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	26 638,66
1323217F	170103	PlaneWave CDK17 Astrograph f/6.8 with Borosilicate Optics, 8" Dovetail for Fork Mounts, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	25 966,39
1323217FQ	170103Q	PlaneWave CDK17 Astrograph f/6.8 with Fused Silica Optics, 8" Dovetail for Fork Mounts, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	28 655,46
1323217W	170102W	PlaneWave CDK17 Widefield Astrograph f/6.8 with Borosilicate Optics, 8" Dovetail, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	23 739,50

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CDK 20 / RC 20 / IRDK 20			
1323220	200102	PlaneWave CDK20 Astrograph f/6.8 with Borosilicate Optics, 8" Dovetail, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	33 487,39
1323220Q	200102Q	PlaneWave CDK20 Astrograph f/6.8 with Fused Silica Optics, 8" Dovetail, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	38 319,33
1323220F	200103	PlaneWave CDK20 Astrograph f/6.8 with Borosilicate Optics, 8" Dovetail for Fork Mounts, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	36 260,50
1323220FQ	200103Q	PlaneWave CDK20 Astrograph f/6.8 with Fused Silica Optics, 8" Dovetail for Fork Mounts, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	40 420,17
1323220I	200120	PlaneWave IRDK20 Dall-Kirkham f/6.8 with Borosilicate Optics, 8" Dovetail, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	36 260,50
1323220IQ	200120Q	PlaneWave IRDK20 Dall-Kirkham f/6.8 with Fused Silica Optics, 8" Dovetail, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	40 420,17
1323221	200125	PlaneWave RC20 Ritchey Chretien f/6.8 with Borosilicate Optics, 8" Dovetail, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	47 647,06
1323221Q	200125Q	PlaneWave RC20 Ritchey Chretien f/6.8 with Fused Silica Optics, 8" Dovetail, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	50 756,30
1323221F	200126	PlaneWave RC20 Ritchey Chretien f/6.8 with Borosilicate Optics, 8" Dovetail for Fork Mounts, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	51 806,72
1323221FQ	200126Q	PlaneWave RC20 Ritchey Chretien f/6.8 with Fused Silica Optics, 8" Dovetail for Fork Mounts, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	56 974,79
CDK 24 / RC 24 / IRDK 24			
1323224	240102	PlaneWave CDK24 Astrograph f/6.5 with Borosilicate Optics, 8" Dovetail, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	55 000,00
1323224Q	240102Q	PlaneWave CDK24 Astrograph f/6.5 with Fused Silica Optics, 8" Dovetail, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	66 008,40
1323224F	240103	PlaneWave CDK24 Astrograph f/6.5 with Borosilicate Optics, 8" Dovetail for Fork Mounts, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	57 605,04
1323224FQ	240103Q	PlaneWave CDK24 Astrograph f/6.5 with Fused Silica Optics, 8" Dovetail for Fork Mounts, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	68 571,43
1323224I	240120	PlaneWave IRDK24 Dall-Kirkham f/6.5, Infrared optimized with Borosilicate Optics, 8" Dovetail, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	60 336,13
1323224IQ	240120Q	PlaneWave IRDK24 Dall-Kirkham f/6.5, Infrared optimized with Fused Silica Optics, 8" Dovetail, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	71 344,54
1323225	240125	PlaneWave RC24 Ritchey Chretien f/6.5 with Borosilicate Optics, 8" Dovetail, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	71 344,54
1323225Q	240125Q	PlaneWave RC24 Ritchey Chretien f/6.5 with Fused Silica Optics, 8" Dovetail, Delta T Ready, (3,5" Hedrick Focuser and EFA Kit separately available)	82 268,91

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CDK 700 / RC 700 / IRDK 700			
Focal length 4638mm, incl. IR90 Derotator and Focuser for up to 18kg instrument weight, rotatable tertiary mirror with positioning device			
Concerning the CDK 700 / RC 700 we shall gladly provide a detailed offer for: optional Derotator-units for different instrument loads, heavy duty focusers suited to mount onto both sides of the fork arms depending on instr. load, tertiary mirror assembly to move the image into either side of the fork, remote dew heater units, remote controlled tube covers, light shrouds and tangent assemblies complement the instrument outfit			
1323270	700101	PlaneWave CDK700 Nasmyth Astrograph f/6.6 with Borosilicate Optics	184 873,95
1323270Q	700101Q	PlaneWave CDK700 Nasmyth Astrograph f/6.6 with Fused Silica Optics	194 117,65
1323270I	700101-IR	PlaneWave IRDK700 Dall-Kirkham f/6.6, Infrared optimized with Borosilicate Optics	189 075,63
1323270IQ	700101-IRQ	PlaneWave IRDK700 Dall-Kirkham f/6.6, Infrared optimized with Fused Silica Optics	198 319,33
1323271	700125	PlaneWave RC700 Ritchey Chretien f/6.6 with Borosilicate Optics	207 563,03
1323271Q	700125Q	PlaneWave RC700 Ritchey Chretien f/6.6 with Fused Silica Optics	216 806,72
PW1000			
Main and secondary Mirror made from weight optimized fused silica, 3 lenses 170mm field flattener, 100mm corrected field of view, focal length 6000mm, incl. IR90 derotator and focuser for up to 18kg instrument weight, rotatable tertiary mirror with positioning device			
Concerning the PW1000 we shall gladly provide a detailed offer for: f4.5 reducer, optional derotator-units for different instrument loads, heavy duty focusers suited to mount onto both sides of the fork arms depending on instr. load, tertiary mirror assembly to move the image into either side of the fork, remote dew heater units, remote controlled tube covers, light shrouds and tangent assemblies complement the instrument outfit			
1323300Q	1000101	PlaneWave PW1000 Nasmyth Astrograph f/6.0 with Fused Silica Optics	617 647,06
Observatory Mounts			
A200 Mount			
1321200	A200110	HD stationary mount with Renishaw precision encoders, 120kg (275lbs) payload capacity, Sidereal Tech Control System, 8" Clamp plate for CDK 17" to 24"	28 655,46
1321242	A200142	Counterweight extension bar PW A200, 150mm	273,11
Telescope accessories			
1329020	200901	EFA Electronical Focuser Assembly for CDK 12.5", CDK17 and CDK20 with servo motor, electronics and hand control	1 004,20
1329024	240901	EFA Electronical Focuser Assembly for CDK17 WF and CDK24 with servo motor, electronics and hand control	1 218,49
1329050	200340	Hedrick Focuser 3,5" for PlaneWave CDK14/17/20/24	1 218,49
1329070	600180	PlaneWave IR90 focuser and field rotator for CDK17 – 700 load capacity 20kg (w/o EFA-Kit)	5 487,39
1329080	AZ73075	Motorcover CDK 700 with Optical Bench threads to mount support structures for heavy accessories	1 218,49
1329055		Massive base flange for CDK 700, to ensure a plane and leveled base for the instrument. Height to be discussed.	1 050,42
1323310		Massive base flange for PW1000, to ensure a plane and leveled base for the instrument. Height to be discussed.	1 470,59
1323305		PW1000 Primary Mirror Removal Scissor Lift System Attaches to torsion box section of the fork and allows the primary to be lowered safely and slid out from under the optical tube to have access for cleaning or removal for re-coating	7 983,19
1323307		PW1000 Derotator/Focuser for Nasmyth Port 2 - Direct Drive with absolute encoders and 100mm clear aperture. Includes automated Focuser	12 184,87
1329110	600195	Delta T Heater Box for Planewave Instruments with preinstalled wiring for Heater incl. Software and instruction	794,12
1329112	125902	Delta T Heater for PlaneWave CDK12.5 incl. heating pads cables, electronic, software, instruction	1 218,49
1329117	170902	Delta T Heater for PlaneWave CDK17 incl. heating pads cables, electronic, software and instruction	1 218,49
1329120	200902	Delta T Heater for PlaneWave CDK20 incl. heating pads cables, electronic, software and instruction	1 218,49

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1329124	240902	Delta T Heater for PlaneWave CDK24 incl. heating pads cables, electronic, software and instruction	1 462,18
9002230		CDK Delta T Heater modification	1 260,50
1323635		CCD Adapter, for Andor-Camera IXON3 888	205,88
1323641	125990	Temperature compensated 3" Dovetail Bar for CDK12.5	424,37
1323645	140990	Temperature compensated 3" Dovetail Bar for CDK14	365,55
1323642	170990	Temperature compensated 3" Dovetail Bar for CDK17	424,37
1323640	200990	Temperature compensated 3" Dovetail Bar for CDK20	428,57
1323643	240990	Temperature compensated 3" Dovetail Bar for CDK24	546,22
1323714	140970	Light Shroud Spandex upper cage CDK14	147,06
1323717	170970	Light Shroud Spandex upper cage CDK17	184,87
1323720	200970	Light Shroud Spandex upper cage CDK20	184,87
1323724	240970	Light Shroud Spandex upper cage CDK24	247,90
1323728	700970	Light Shroud Spandex upper cage CDK700	327,73
1321305	125382	0,23kg counterweight for fine balancing CDK tubes	48,74
1321310	125150	Counterweight Set for fine balancing the CDK12.5	306,72
1321315	200150	Counterweight Set for fine balancing the CDK14/CDK20	243,70
1321320	170150	Counterweight Set for fine balancing the CDK17	243,70
2451555		Dovetail Clamp 8" for CDK 24" / 20" / 17"	399,16
2451556		Paramount Instrument-Panel-Holder	80,67
2451558		Sidewing (use on left or right side) for 8" Clamp #2451555	516,81
1500340		Sidewing Base-Plate 400mm long for Guidesoperings Size III	289,92
1323630	125360	Adapterplate for Finderscope Bracket	46,22
1318020		Monster MOAG Off Axis Guider	1 134,45
1323850	125399	Adapter visual to connect 2" standard-accessories to 2.75" Hedrick Focuser of CDK12.5	197,48
1323851	200399	Adapter visual to connect 2" standard-accessories to 3.5" Hedrick Focuser of CDK20	197,48
1323852	140399	Adapter visual to connect 2" standard-accessories to 3.5" Hedrick Focuser of CDK14	197,48
1323855	140399	Adapter visual to connect 2" standard-accessories to 3.5" Hedrick Focuser of IR90	197,48
Optical accessories			
1326012	125166	Reducer 0.66 x 2.75" for CDK 12.5"	1 462,18
1326020	200166	Reducer 0.66 x 3.5" for CDK 17" - 24"	1 462,18
2" Extensions			
1323681	200368-1	2" Spacer PW-4 Standard Fit 9.78cm / 3.8"	180,67
1323682	200368-2	2" Spacer PW-5 Standard Fit 7.24cm / 2.8"	180,67
1323683	200368-3	2" Spacer PW-6 Standard Fit 8.38cm / 3.3"	172,27
Securefit Extensions for CDK12.5			
1323601	125357-1	Spacer CDK 12.5" SecureFit 12.19cm / 4.8" for CCD-Cameras	306,72
1323602	125357-2	Spacer CDK 12.5" SecureFit 8.9cm / 3.5" for CCD-Cameras	323,53
1323603	125357-3	Spacer CDK 12.5" SecureFit 6.3cm / 2.5" for CCD-Cameras	306,72

Item #	PW Item #	Description	EURO без ДДС
Securefit Extensions for CDK14 - 24			
1323610	200361-3	Spacer CDK 14"-24" SecureFit 11.4cm/4.5" for CCD-Cameras	306,72
1323611	200361-1	Spacer CDK 14"-24" SecureFit 9.73cm/3.8" for CCD-Cameras	306,72
1323612	200361-2	Spacer CDK 14"-24" SecureFit 5.33cm/2.1" for CCD-Cameras	306,72
1323613	200383	Spacer CDK 14"-24" SecureFit Low Profile 5.3cm/2.1" for CCD-Cameras	239,50
1323615	600327	Spacer Hedrick Focuser to SecureFit System 12.7mm / 0.5" for CDK14"-24" - Part 1 -	115,97
1323616	600328	Spacer Hedrick Focuser to SecureFit System 12.7mm / 0.5" for CDK14"-24" - Part 2 -	115,97
1323625	200377	Spacer CDK 12,5"-24" Securefit 1.25cm/0.5"	121,85
Securefit Adapter for CDK12.5 - 24			
1323841		M68 Adapterset (8 parts) for CDK 12.5" – 24" consisting of: M68 Adapter CDK, Eyepiece-clamp M68/2"/M68 (T2#32) and Spacers M68/10, 20, 40, 60, 80 and 100	378,15
1323840		M68 Adapter for CDK 12.5"- 20" same as for PlaneWave 0.66 Reducer incl. screws	155,46
1323621	200393	Adapter to connect T-2 accessories onto spacer for all CDK-optics	197,48
1323622	200397	Adapter for ST-Cameras to SecureFit Spacer 6.35mm – for all CDK-optics	172,27
1323620	200362	Adapter for STL-Cameras to SecureFit Spacer 6.35mm – for all CDK-optics	172,27
1323623	600335	Adapter for STX-Cameras to SecureFit Spacer 18mm – for all CDK-optics	218,49
1323624	600351	Adapter for STT-Cameras to SecureFit Spacer 13.97mm – for all CDK-optics	197,48
1323871		Adapter to attach STX Camera with filter wheel onto M MOAG	180,67
1323890	200396	Adapter for Apogee Alta Cameras to SecureFit Spacer 6.35mm – for all CDK-optics	235,29
1323910	200395	Adapter for Fingerlake Cameras to SecureFit Spacer 6.35mm – for all CDK-optics	172,27
1323870	200394	Adapter to connect Astrodon Monster MOAG Off-Axis-Guiders to CDK 17" / 20" spacer	197,48
1323875	200379	Adapter to connect Clement Focuser to CDK 17" / 20"	235,29
1323650	125388	Adapter 2.75" to Securefit Adapter System	226,89
1323830	200391	Adapter 2.7"(i) to connect AstroPhysics accessories to CDK 17" / 20"	193,28
1323831	200392	Adapter 2.7"(a) to connect AstroPhysics accessories to CDK 17" / 20"	184,87
1323832	125370	Adapter 2.7"(i) to connect AstroPhysics accessories to CDK 12.5"	180,67
1323811	125379	Adapter to connect Optec TCF-S3 Focuser to CDK 12.5"	180,67
1323810	125380	Adapter to connect Optec TCF-S2 Focuser to CDK 12.5"	180,67
1323821	170379	Adapter to connect Optec TCF-S3 Focuser to CDK 17" and CDK 20"	180,67
1323820	170380	Adapter to connect Optec TCF-S2 Focuser to CDK 17" and CDK 20"	180,67
1323827	17827	Adapter to mount Pyxis 3 to Hedrick Focuser for CDK 12.5"	163,87
1323826		Adapter to mount Pyxis 3 Bildfeldrotators to Hedrick Focuser for CDK 17" - 24"	180,67
1323825	17835	Adapter to Attach Securefit parts onto Pyxis 3	189,08

All prices are without engagement. Errors, technical changes and changes in delivery time are subject to change without further notice. All former price lists become herewith invalid. Only a written order confirmation will result in a binding price determination.



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