

<http://www.skyvision.fr/>

In 2013, Skyvision finalizes its new range of instruments with the arrival of the compact model. The new aluminum honeycomb structure is machined from billet. The fork is made of aluminum and composite sandwich, which allows us to divide the weight by three compared to a design mechanically welded steel. This new structure is more compact than our previous model "PN" (newton versatile).

T500 (20")  
Compact  
F/3.3



We have developed the Compact model with the same criteria that make the success of our Classic & UC models. With no compromises you can have a large diameter telescope that fully collapses into a very small package.

*Even with a small car, you can take it anywhere with you.*

➔ **Secondary cage :** In Aluminum with dual ring provides very good rigidity. Very thin stainless steel spider vanes for sharper images. Provided as standard with Starlight Feather Touch Focuser. The light baffle is made of black opaque Kydex. (acrylic PVC)



➔ **The mirror cell :** This part of the telescope is truly fundamental. Our cells are machined with the greatest care and precision. They are tailor made and adjusted for one mirror. All the process is computer calculated and controlled. Your optics will give you the best. On the rear side, 3 large thumbscrews allow you to achieve a fast and crisp collimation.

➔ **The large side bearings** are mounted on ball bearings to ensure smooth and precise movements, even manually. They are removable without the use of any tool.



➔ **The truss poles** : In one piece with quick release fasteners, this model patented by SkyVision greatly facilitates the mounting and storage of your instrument. The use of carbon is also a major asset for the preservation of collimation during an observation session. The Skyvision Compact truss poles are pre-equipped for the installation of digital circle or SkyCommander Argonavis. No return to the workshop is needed.

➔ Like all instruments Skyvision range, the Compact model can be easily motorized by adding a StellarCat or Sidereal Technology motorization. Just ask when ordering, or return the fork in the workshop later.

***The SkyVision "T500 Compact" is really Compact !***

***The compact model is available in 300 mm (12") – 400mm (16") – 500 mm (20") – 600mm (24") at F/4 or F/3.3***

***Contact us for details ([www.SkyVision.fr](http://www.SkyVision.fr))***



Model ref.	T300 - Compact	T400 - Compact	T500 - Compact	T500 – Compact	T600 – Compact
Diameter (mm/")	300mm / 12"	400mm / 16"	500mm / 20"	500mm / 20"	600mm / 24"
Focal length (mm/")	1200mm / 47"	1600mm / 63"	2000mm / 79"	1650mm / 65"	1980mm / 78"
F/D ratio	F/D 4	F/D 4	F/D 4	F/D 3.3	F/D 3.3
Weight & Dimensions:	optics weight : 14.7lb 7kg	optics weight : 27.5lb 12.5kg	optics weight: 39lb 18kg	optics weight : 39lb 18kg	optics weight : 80lb 36kg
Total (*)	65lb 29kg	78lb 35kg	93lb 42kg	91lb 41kg	134lb 61kg
Rocker (L x l x h)	20lb- 20"x20"x5" 9kg- 50x50x12cm	24lb- 24"x24"x6" 11kg- 60x60x15cm	26lb-27"x27"x12" 12kg- 70x70x32cm	26lb- 27"x27"x 12" 12kg- 70x70x32cm	35lb- 33"x33"x15" 16kg- 86x86x39cm
Primary cage (L x l x h)	33lb- 16"x16"x8" 15kg- 41x41x20cm	37lb- 20"x20"x8" 17kg- 51x51x20cm	46lb- 24"x24"x12" 21kg- 62x62x30cm	46lb-24"x24"x12" 21kg- 62x62x30cm	72lb- 32"x34"x12" 33kg- 82x87x30cm
Secondary cage	4lb- Ø 16" 2kg- Ø40cm	7lb- Ø 20" 3kg- Ø50cm	10.3lb- Ø 24" 5kg- Ø60cm	10.3lb- Ø 24" 5kg- Ø60cm	15lb- Ø27" 7kg- Ø70cm
Focuser height at zenith	130 cm / 51.2"	170 cm / 67"	175 cm / 69"	170 cm / 67"	203 cm / 79"
Total height	55" / 140 cm	71" / 180cm	74.8" / 190cm	74.8" / 190cm	86.5" / 220cm
Truss pole	5,5lb- 37.4" 2.5kg- 95cm	6.8lb x 46.5" 3kg- 110cm	9.3lb x 71 " 4kg- 165cm	9,3 lb x 71" 4kg- 150cm	11lb x 51" 5kg- 130cm
(*) w/o optics					
Primary mirror	97% Enhanced aluminium coating				
Secondary mirror	High reflectivity coating				
Focuser	Starlight Feather Touch 2"				
Truss pole	SkyVision carbon monobloc ©				
Primary mirror cell	High precision aluminum cell				
	9 points	9 points	18 points	18 points	18 points

The sky in high resolution