

ASA DDM160

Type of mount	German equatorial
Diameter of axis	160 mm hollow axis
Bearing	4 preloaded taper roller bearings 240/160 mm
Weight of mount without counterweight shaft	220 kg
Loading capacity (only instrument)	300 kg
Drive	Noiseless high torque direct drive motors in both axis
Voltage	24 V
Current use at tracking	0,5 - 3 Ampere
Absolute current peak	15 Ampere
Pointing accuracy*	< 8" RMS with Pointingfile
Tracking accuracy*	0,25" RMS in 5 Minutes
Encoder resolution (Renishaw Absolute Encoder)	0,003" on the axis
Polar adjust	Client specific pier
Moving speed	13°/Sec.
Counterweight shaft	80 mm high grade steel
Counterweights included	2 pieces high grade steel 1x16 kg and 1x34 kg, diameter 245 mm
USB connection on the mount	3
Additional connections	Camera, Filterwheel, Focuser, Fan, Data
Remote cabable	Yes
Controll Software Autoslew	ASCOM compatible Pointing model calculates all repeatable faults Extremely accurate tracking without external guiding Very accurate Positioning Fast but accurate polar adjustment Automated motortuning Homeposition 2 Parkpositions Set limits even without pointing
ASA Software Sequence	Auto created pointing models MLPT for local pointing models
Additional Software	Maxim DL, PinPoint, Planetariumssoftware
Optional Accessories	Client specific pier Power Supply

* In conjunction with an ASA-telescope

