

LOSMANDY

ASTRONOMICAL PRODUCTS

MANUFACTURERS OF PRECISION EQUATORIAL

MOUNTS AND THE MOST ADVANCED SECONDARY SYSTEMS



Manufactured by
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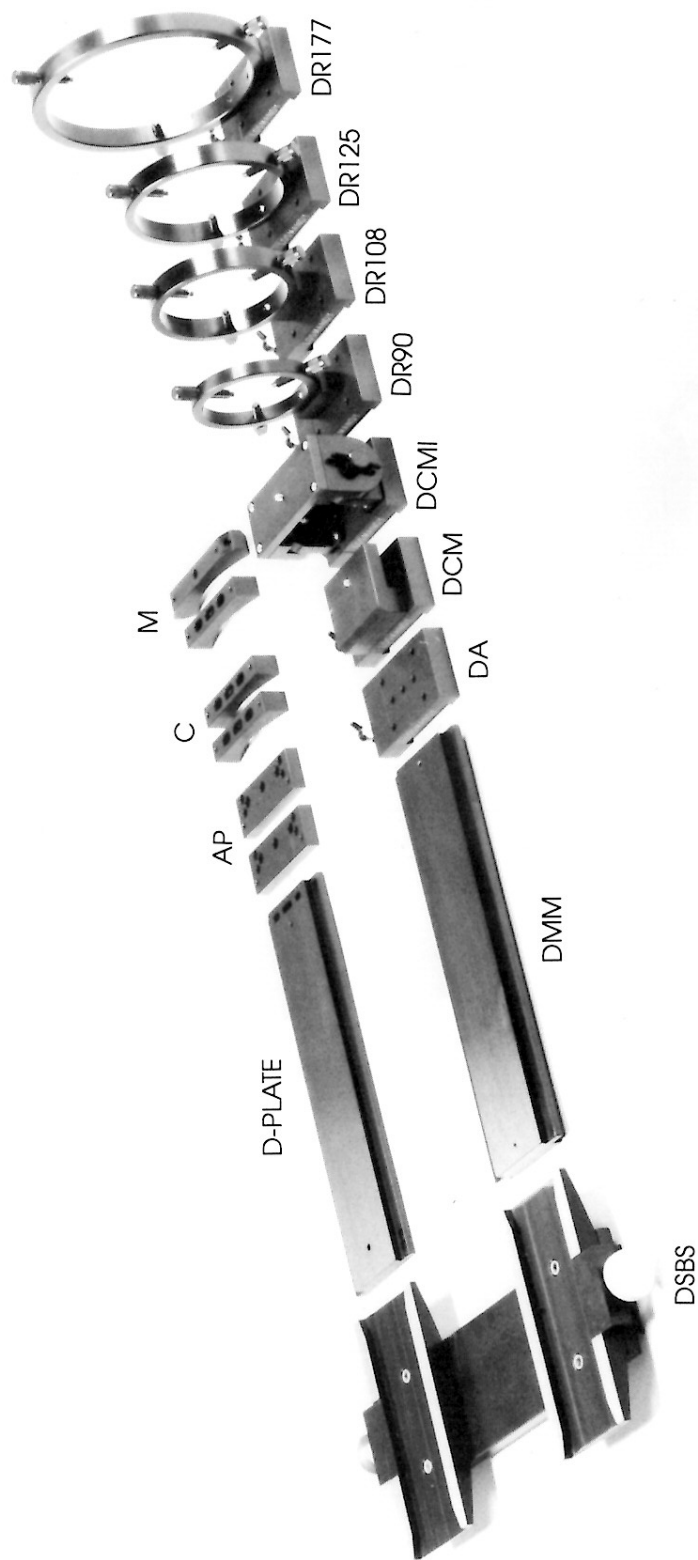
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Losmandy D-Series Accessories



LOSMANDY ASTRONOMICAL PRODUCTS PRICE SHEET 99

OPTIONAL ACCESSORIES		
PART #	DESCRIPTION	SUGGESTED LIST
DAP 4	ASTROPHYSICS DOVETAIL PLATE FOR 4"	120.00
DAP 5	ASTROPHYSICS DOVETAIL PLATE FOR 5"	120.00
DAP 6	ASTROPHYSICS DOVETAIL PLATE FOR 6"	120.00
DAP 7	ASTROPHYSICS DOVETAIL PLATE FOR 7"	120.00
DC 8	CELESTRON 8 DOVETAIL PLATE	120.00
DC 11	CELESTRON 11 DOVETAIL PLATE	120.00
DC 14	CELESTRON 14 DOVETAIL PLATE	180.00
DM 7	MEADE 7 MAC. DOVETAIL PLATE	120.00
DM 8	MEADE 8 DOVETAIL PLATE	120.00
DM 10	MEADE 10 DOVETAIL PLATE	120.00
DM 12	MEADE 12 DOVETAIL PLATE	180.00
DM 16	MEADE 16 DOVETAIL PLATE	NEW 240.00
D P 13.5	13.5 LONG DOVETAIL PLATE ONLY	80.00
D P 17.25	17.25 LONG DOVETAIL PLATE ONLY	80.00
CB	CURVED BLOCK SET, ANY EXCEPT M12, PLEASE INDICATE RADIUS	80.00
AP	RISER BLOCK SET FOR ASTROPHYSICS RINGS	80.00
D P 19	19.00 LONG DOVETAIL PLATE ONLY	100.00
D P 23.75	23.75 LONG DOVETAIL PLATE ONLY	100.00
C B 12	CURVED BLOCKS MEADE 12	100.00
DUP	UNIVERSAL DOVETAIL PLATE	100.00
DMM	MALE TO MALE DOVETAIL PLATE	100.00
DSBS	SIDE BY SIDE DOVETAIL PLATE	320.00
DCM	SINGLE AXIS CAMERA MOUNT	100.00
DCM 1	DUAL AXIS CAMERA MOUNT	150.00
DCM 2	THREE AXIS CAMERA MOUNT	NEW 200.00
CM 2	CAMERA MOUNT THREE AXIS ADAPTER FOR DCM 1 ONLY	NEW 70.00
DR 90	90 MM I.D. (3.5") RING SET - 3 POINT ADJUSTMENT	170.00
DR 108	108 MM I.D. (4.25") RING SET - 3 POINT ADJUSTMENT	200.00
DR 125	125 MM I.D. (5.0") RING SET - 3 POINT ADJUSTMENT	200.00
DR 177	177 MM I.D. (7.0") RING SET - 3 POINT ADJUSTMENT	280.00
4SRK	CONVERTS NEW 3 POINT ADJUSTMENT RINGS TO FOUR POINT ADJUSTMENT	NEW 40.00
DA	DOVETAIL ADAPTER	50.00
DWS	COUNTERWEIGHT BRACKET, 5" THREADED SHAFT and 5 LB. WEIGHT	100.00
DDWS	DEC. COUNTERWEIGHT BRACKET, 2" THREADED SHAFT and (2) 2.5 LB WEIGHTS	NEW 100.00
RDF65	65 MM I.D. (2.57") REMOVABLE FINDER BRACKET	70.00
RDF90	90 MM I.D. (3.5") REMOVABLE FINDER BRACKET	160.00
RDFS	EXTRA FINDER BRACKET DOVETAIL SHOE	30.00
LDSC	LOSMANDY DIGITAL SETTING CIRCLES	500.00
DSCH	DIGITAL SETTING CIRCLE HARDWARE W/ENCLOSED ENCODERS	500.00
2.5 BW	EXTRA 2.5 LB. WEIGHT FOR DDWS, DWS or WS SYSTEMS	30.00
5.0 BW	EXTRA 5.0 LB. WEIGHT FOR DDWS, DWS or WS SYSTEMS	40.00
WS C8/M8	COMPLETE COUNTERWEIGHT SYSTEM	100.00
WS C11/M10/C9.25	COMPLETE COUNTERWEIGHT SYSTEM	100.00
WS M12	COMPLETE COUNTERWEIGHT SYSTEM	NEW 190.00
PB M12	COMPLETE PIGGYBACK MOUNT SYSTEM	NEW 190.00
PB C8/M8	COMPLETE PIGGYBACK CAMERA MOUNT SYSTEM	100.00
PB C11/M10/C9.25	COMPLETE PIGGYBACK CAMERA MOUNT SYSTEM	100.00

OPTIONAL ACCESSORIES

PART #	DESCRIPTION	SUGGESTED LIST
P B	CAMERA MOUNT ONLY FOR SMALL RAIL	60.00
LW TRIPOD	GM-8 TRIPOD W / ADJUSTABLE LEGS	400.00
HD TRIPOD	G-11 TRIPOD W / ADJUSTABLE LEGS	600.00
FUPHD, TRIPOD	FOLDUP HEAVY DUTY TRIPOD W/ ADJUSTABLE LEGS	NEW 700.00
FUP, KIT	FOLDUP TRIPOD TOP / ADD YOUR OWN LEGS	NEW 450.00
EXHD TRIPOD	HGM 200 TRIPOD W / FIX HEIGHT LEGS	1000.00
EXHD TRIPOD AL	HGM 200 TRIPOD W / ADJUSTABLE LEGS	1200.00
MP	MINI PIER ONLY FOR G-11	300.00
EX 12	TRIPOD EXTENSION 12 INCH FOR LW and HD TRIPODS ONLY	150.00
L C	LEG CLAMP SET (3)	200.00
HDAH	LEGS ONLY FOR HD TRIPOD - ADJUSTABLE - 33" TO 48"	300.00
EXHDAH	LEGS ONLY FOR EXHD TRIPOD - ADJUSTABLE- 33" TO 54"	500.00
EXHDFLH	LEGS ONLY FOR EXHD TRIPOD - FIXED HEIGHT - 30", 36, 48", 60"- ONE SET	250.00
7 LB	7 LB. WEIGHT FOR GM-8, G-9 and G-11 MOUNTS	60.00
11 LB	11 LB. WEIGHT FOR GM-8, G-9 and G-11 MOUNTS	90.00
21 LB	21 LB. WEIGHT FOR GM-8, G-9 and G-11 MOUNTS	120.00
GM CASE	CASE FOR GM - 8, G-9 and G-11 EQUATORIAL HEADS, W or W / O ENCODERS	140.00
TRI - BAG	SOFT CASE FOR GM-8 TRIPOD	NEW 120.00
G -11 SP	G-11 SADDLE PLATE ONLY, WILL FIT GM - 8 MOUNT	160.00
GM-8 SP	GM-8 SADDLE PLATE ONLY	70.00
M A	MEADE FEILD TRIPOD ADAPTER	120.00
11 LB TD	11 LB. THREADED WEIGHT FOR GM 100 and HGM 200 MOUNTS	130.00
21 LB TD	21 LB. THREADED WEIGHT FOR GM 100 and HGM 200 MOUNTS	220.00
GM 8 UV	UNIVERSAL PLATE will fit TELE VUE, TAKAHASHI, VIXEN, ASTROPHYSICS	55.00
GM 8 CM8	DOVETAIL PLATE FOR CELESTRON 8 SCT and MEADE 8 SCT	88.00
GM 8 DSP	DUAL SCOPE PLATFORM	154.00
GM 8 90MM	SET OF 90 MM ID RINGS MOUNTED TO PLATE, 5" SEP., FOR USE WITH GM 8 DSP	110.00
GM 8 108 MM	SET OF 108 MM ID RINGS MOUNTED TO PLATE, 5" SEP., FOR USE WITH GM 8 DSP	NEW 150.00
GM 8 125 MM	SET OF 125 MM ID RINGS MOUNTED TO PLATE, 5" SEP., FOR USE WITH GM 8 DSP	NEW 150.00
GM 8 ELEC ONLY	DUAL AXIS DIGITAL DRIVE, MOTORS, CABLES, HAND CONTROLLER, COUPLINGS	660.00
GM 8 MOUNT ONLY	EQUATORIAL HEAD, ADJUSTABLE TRIPOD, WEIGHT SHAFT, 7 LB. WEIGHT	1760.00
G-11 MOUNT	EQ HEAD, ADJ. TRIPOD, WT. SHAFT, 21LB. WT, DUAL AXIS DIGITAL DRIVE	3400.00
HGM 200 MOUNT	EQ HEAD W/ OPT. ENCODERS, THRD. WT. SHT., 21LB WT., DUAL AXIS DIGITAL DRIVE	10000.00
AMC	ALUMINUM MOTOR COVERS, FULLY MACHINED	NEW 120.00
P S	POLAR SCOPE FOR GM-8, G-9 and G-11 MOUNTS	220.00
HGM P S	HGM 200 POLAR SCOPE	320.00
TKS	TRIPOD KNOB SET (3) FOR MOUNTING GM-8 OR G-11 TO TRIPOD W/ NO TOOLS	NEW 45.00
LCLS	LEG CLAMP LEVER SET (6) INDEXABLE LEVER TYPE	NEW 110.00
DDB	G-11 / GM-8 DUAL AXIS DIGITAL DRIVE BOARD ONLY, PLEASE INDICATE MOUNT	250.00
E B	G-11 / GM-8 DIGITAL DRIVE MACHINED ALUMINUM CASE & FRONT PANEL ONLY	100.00
CKS	CLUTCH KNOB SET (2) W/THREE (3) HANDLES, FOR GM-8, G-9 and G-11 MOUNTS	NEW 150.00
HC	HAND CONTROL FOR GM-8, G-9, G-11 and HGM 200	80.00
S M	STEPPER MOTOR / REPLACEMENT GM-8, G-9, G-11 and HGM 200	90.00
DGC	DELTRIN GEAR COVERS FOR DSC GEARS AND BEARINGS	NEW 100.00
TRI - TRAY	12" DIAMETER ALUMINUM TRAY FOR GM-8 & G-11 TRIPODS WITH SPREADER	NEW 45.00
PP	PERMANENT PIER FOR HGM 200, G-11, GM-8 MOUNTS. 7.0 DIAMETER CUSTOM HEIGHT	800.00
A P P	ADAPTER PLATE FOR MOUNTING GM 8 or G-11 SADDLE TO A POLARIS MOUNT	NEW 70.00
D P T A	DOVETAIL PLATE TANGENT ARM. WILL FIT ALL LOSMANDY D-SERIES PLATES	NEW 200.00

LOSMANDY ASTRONOMICAL PRODUCTS

TUBE AND RING MOUNTED D SERIES DOVETAIL PLATE & ACCESSORIES

The Dovetail Plates are the heart of the Losmandy Secondary System. 0.5" x 4.0" x length of the tube assembly. Dovetail plates may be mounted to the top and bottom of tube assembly for mounting of all D series accessories, making it possible to use both sides of tube for equipment. Mounts to all Astrophysics Celestron, and Meade systems. The dovetail plates, like all accessories in the Losmandy line, are machined for lightness and rigidity from aluminum stock, then black anodized for a tough, corrosion free surface.

PART NO.	DESCRIPTION
DAP4	Astrophysics dovetail plate for 4", will fit top or bottom of their rings. Wt. 2 lbs. Length 13.5" HS 12.325/12.70, Ht. top of rings to top of dovetail plate 1.00"
DAP5	Astrophysics dovetail plate for 5", will fit top or bottom of their rings. Wt. 2 lbs. Length 13.5" HS 12.325/12.70, Ht. top of rings to top of dovetail plate 1.00"
DAP6	Astrophysics dovetail plate for 6", will fit top or bottom of their rings. Wt. 2.5 lbs. Length 17.25" HS 16.0/16.50, Ht. top of rings to top of dovetail plate 1.00"
DAP7	Astrophysics dovetail plate for 7", will fit top or bottom of their rings. Wt. 2.5 lbs. Length 17.25" HS 16.0/16.50, Ht. top of rings to top of dovetail plate 1.00"
DC8	Celestron dovetail plate for 8", bolts to existing holes. Wt. 2 lbs. Length 13.5" HS 12.325/12.70, Ht. top of tube to top of dovetail plate 1.00"
DC11	Celestron dovetail plate for 11", bolts to existing holes. Wt. 2.25 lbs. Length 17.25" HS 16.0/16.50, Ht. top of tube to top of dovetail plate 1.00"
DC14	Celestron dovetail plate for 14", bolts to existing holes. Wt. 3.75 lbs. Length 23.75" HS 23.00, Ht. top of tube to top of dovetail plate 1.20"
DM7	Meade dovetail plate for 7" Mac., bolts to existing holes. Wt. 2.5 lbs. Length 17.25" HS 16.0/16.50, Ht. top of tube to top of dovetail plate 1.00"
DM8	Meade dovetail plate for 8", bolts to existing holes. Wt. 2 lbs. Length 13.5" HS 12.325/12.70, Ht. top of tube to top of dovetail plate 1.00"
DM10	Meade dovetail plate for 10", bolts to existing holes. Wt. 2.5 lbs. Length 17.25" HS 16.0/16.50, Ht. top of tube to top of dovetail plate 1.00"
DM12	Meade dovetail plate for 12", bolts to existing holes. Wt. 3.5 lbs. Length 18.925" HS 18.175, Ht. top of tube to top of dovetail plate 1.20"
DM16	Meade dovetail plate for 16", bolts to existing holes. Wt. 5.5 lbs. Length 23.75" HS 23.00, Ht. top of tube to top of dovetail plate 1.45"
DCM	One axis, 360 deg. camera rotation, dovetail mounted, no tools needed. Wt. 1.2 lbs. Ht. from top of dovetail plate to top of camera mount 1.5"
DCM 1	Two axis, 360 deg. camera rotation, +/- 45 deg. camera tilt, dovetail mounted, no tools needed. Wt. 1.75 lbs. Ht. from top of dovetail plate to top of camera mount 2.85"

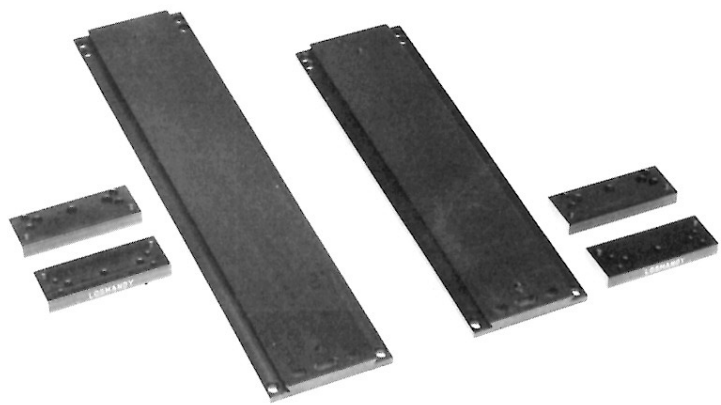
PART NO.	DESCRIPTION
DCM 2	Three axis, 360 deg. camera rotation, +/- 45 deg. camera tilt, 360 deg. unit rotation, dovetail mounted, no tools needed. Wt. 3.0 lbs. Ht. from top of dovetail plate to top of camera mount 3.60"
CM 2	Bolts to bottom. Converts DCM 1 to DCM 2 Wt. 1.25 lbs. Ht. .875"
DR 90	90mm (3.5") I.D. rings with three point adjustment, Delrin tips. Wt. 1.25 lbs. per set, 2 rings per set, dovetail mounted, no tools needed. I.D. size from 1.7" TO 3.5", Ht. from top of dovetail plate to center of rings 3.25"
DR 108	108mm (4.25") I.D. rings with three point adjustment, Delrin tips. Wt. 2.5 lbs. per set, 2 rings per set, dovetail mounted, no tools needed. I.D. size from 2.45" to 4.25", Ht. from top of dovetail plate to center of rings 3.6"
DR 125	125mm (5.0") I.D. rings with three point adjustment, Delrin tips. Wt. 2.5 lbs. per set, 2 rings per set, dovetail mounted, no tools needed. I.D. size from 3.1" to 5.0", Ht. from top of dovetail plate to center of rings 3.2"
DR 177	177mm (7.0") I.D. rings with three point adjustment, Delrin tips. Wt. 3.5 lbs. per set, 2 rings per set, dovetail mounted, no tools needed. I.D. size from 5.4" to 7.0", Ht. from top of dovetail plate to center of rings 4.3"
4SRK	Used for converting the 3 point adjustment ring sets to a 4 point adjustment. Kit consist of (2) riser blocks, (2) Delrin tip thumb knobs and stainless steel screws Wt. 4 oz., Ht. 1.0"
DA	Dovetail plate adapter. Mounts to existing rings or telescopes. For use with dovetail plate. Once mounted, no tools are needed to interchange equipment. Wt. 12 oz., Ht. from top of dovetail plate to top of DA 0.5"
DWS	Dovetail adapter with a 5 inch long threaded stainless steel shaft and 5 lb weight. Mounts to D series dovetail plates, is used for the balancing of a fork mounted telescope. Wt. 6 lbs. total
DDWS	Dovetail adapter with 2 inch long threaded stainless steel shaft and (2) 2.5 lb weights. Mounts to dovetail plate for the balancing of the DEC. axis on the G-11 & HGM 200 mounts Wt. 6 lbs. total
DMM	Male to male dovetail plate. For use of secondary equipment on equatorial mount and DSBS. Wt. 2.6 lbs., Length 13.5", Thickness 0.75"
DSBS	Side by side plate. Incorporates two saddle plates mounted parallel to each other. Used for mounting two optical systems side by side, by rotating the G-11 saddle 90 degrees. Wt. 7.25 lbs., Total thickness 1.5", Saddle plate separation 10.0", center to center.
DUP	Universal dovetail plate for use on Tele Vue, Parks, Takahashi, Questar, Vixen and Meade refractors. Wt. 2.6 lbs., Length 13.5", thickness 0.5", two 0.250 wide slots w/ c'bore x 5.0" long.
RDF65	65mm (2.57") I.D. removable finder bracket. 3 point adjustment, Nylon screws, dovetail mounted, self realigning. I.D. size from 1.5" to 2.57" Wt. 8 oz., 3.0" ring separation.

PART NO.	DESCRIPTION
RDF90	90mm (3.5") I.D. removable finder bracket. 3 point adjustment, Delrin tips, dovetail mounted, self realigning. I.D. size from 1.7" to 3.5" Wt. 12 oz., 5.0" ring separation.
RDFS	Additional dovetail shoe for finder brackets. Makes it possible to use one finder on many different telescopes. Wt. 3 oz.
WS C8/M8	Complete counterweight system. Fits Celestron 8 or Meade 8 Schmidt Cassegrain tube assemblies. Dovetail mounted, dual axis movement, 2.5 lb weight. no tool operation. Wt. 4.0 lbs. total. Length 13.5". Mount to existing holes.
WS C11/M10 C 9 1/4	Complete counterweight system. Fits Celestron 11, Celestron 9 1/4, Meade 10, and Meade 7 Mac. tube assemblies. Dovetail mounted, dual axis movement, 2.5 lb weight, no tool operation. Wt. 4.2 lbs. total. Length 18.0". Mounts to existing holes.
WS M12	Complete counterweight system. Fits Meade 12 Schmidt Cassegrain tube assembly. Dovetail mounted, dual axis movement, 2.5 lb. weight, no tool operation. Wt. 5.0 lbs. total. Length 18.0". Mounts to existing holes.
PB C8/M8	Complete camera piggyback mount. Fits Celestron 8 or Meade 8 Schmidt Cassegrain tube assemblies. Dovetail mounted. Slides from front to back of tube assembly for use with wide angle lens. No tools needed. Wt. 1.0 lbs. total. Length 13.5". Mounts to existing holes.
PB C11/M10 C 9 1/4	Complete camera piggyback mount. Fits Celestron 11, Celestron 9 1/4, Meade 10, and Meade 7 Mac. tube assemblies. Dovetail mounted. Slides from front to back of tube assembly for use with wide angle lens. No tools needed. Wt. 1.2 lbs. total. Length 17.25". Mounts to existing holes.
PB M12	Complete camera piggyback mount. Fits Meade 12 Schmidt Cassegrain tube assembly. Dovetail mounted. Slides from front to back of tube assembly for use with wide angle lens. No tools needed. Wt. 2.0 lbs. total. Length 18.0". Mounts to existing holes.
PB	Camera mount only. Fits WS rail. Wt. 8 oz. Ht. top of dovetail plate to top of camera mount .875"
LW TRIPOD	GM-8 tripod with adjustable leg design. Height range from 26" to 44". All heights are from ground level to top of tripod, vertical. Carries up to 100 lbs. Fits GM-8, G-9, G-11 mounts. Wt. 15 lbs.
HD TRIPOD	G-11 tripod with adjustable leg design. Height range from 33" to 48". All heights are from ground level to top of tripod, vertical. Carries up to 300 lbs. Fits GM-8, G-9, G-11 mounts. Wt. 35 lbs.
EXHD TRIPOD	HGM 200 tripod with adjustable leg design. Height range from 33" to 55". All heights are from ground level to top of tripod, vertical. Carries up to 425 lbs. Fits GM 200 or HGM 200 mounts. Wt. 50 lbs.

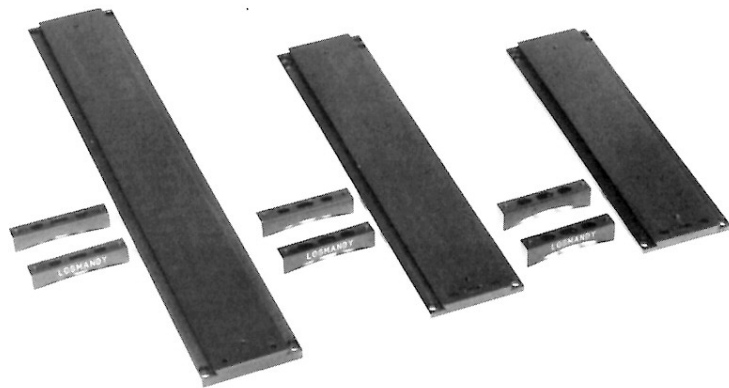
PART NO.	DESCRIPTION
HDAH	HD tripod legs only, adjustable 33" - 48" vertical height to top of tripod. Leg clamps to lock to mini pier have to be ordered separately. Wt. 21 lbs. Set (3)
EXHDAH	EXHD tripod legs only, adjustable 33" - 54" vertical height to top of tripod. Leg clamps to lock to mini pier have to be ordered separately. Wt. 39 lbs. Set (3)
GM CASE	Plastic, water tight case for GM-8, G-9 or G-11 equatorial heads, W or W/O encoders.
G-11 SP	G-11 saddle plate can be mounted to GM-8 mounts or other mounts for use of D series dovetail plates. Wt. 2 lbs. Size .75"x 4.0"x 8.0" 2 mounting holes for 5/16 bolt, 3.0" sep.
GM-8 SP	GM-8 saddle plate can be mounted to other mount for use of GM-8 dovetail plates. Wt. 10 oz. Size .75"x 3.5"x 3.5" Two mounting holes 3.0" sep. for 1/4" shcs
GM 8 UV	Universal dovetail plate. Mounts to Tele Vue, Takahashi, Vixen and Astrophysics tube rings. For use with GM-8 mounts. Wt. 12 oz. Size .5" x 2.5" x 7.0".
GM 8 CM8	Dovetail plate for Celestron 8 or Meade 8 SCT. Bolts to existing holes. Wt. 1.1 lbs. Length 13.5" HS 12.325/12.70, Ht. top of tube to top of dovetail plate 1.0
GM 8 DSP	Dual scope platform. GM-8 saddle on one side, 1/4-20 bolt and (2) aligning holes on other side. Main scope in saddle, GM 8 90 mm, 108 mm or 125 mm guidescope rings on other. GM-8 saddle plate can be mounted to other side to make a side by side system. Wt. 2 lbs. Total thickness 1.0". Separation 8.0", center to center.
GM 8 90 MM	Set of 90 mm I.D. rings mounted to plate. 5.0" separation. Mounts to GM 8 DSP. Wt. 1.15 lbs. Mounting plate size .5" x 2.0" x 6.75".
GM 8 108 MM	Set of 108 mm I.D. rings mounted to plate. 5.0" separation. Mounts to GM 8 DSP. Wt. 1.5 lbs. Mounting plate size .5" x 2.0" x 6.75".
GM 8 125 MM	Set of 125 mm I.D. rings mounted to plate. 5.0" separation. Mounts to GM 8 DSP. Wt. 1.6 lbs. Mounting plate size .5" x 2.0" x 6.75".
MA	Meade field tripod adapter, 6.0" diameter, 4.0" high. Inside machined to fit G-11 and GM-8 mounts. Tube has 1/2" thick bottom with 1/2" hole in center, posts for the electronics are mounted on the side. Also used on top of permanent piers.
EX12	Tripod extension, mounts to top of tripod, 12" lift, for LW and HD tripods only.
LC	Extra set (3) leg clamps for HD or EXHD tripod legs. Please indicate tripod.
MP	Mini pier only, top part of HD tripod, will fit GM-8, G-9, G-11 mounts.
7 LB	7 lb. weight, for use on GM-8, G-9 and G-11 mounts.
11 LB	11 lb. weight, for use on GM-8, G-9 and G-11 mounts.
21 LB	21 lb. weight, for use on GM-8, G-9 and G-11 mounts.

PART NO.	DESCRIPTION
LDSC	Losmandy digital setting circles, 9800+ objects, planets, RS 232 port, Sky software compatible, two line heated LCD display, browsing catalog objects, guide mode, sky catalog user entry of object coordinates, customized user list, search and identify. Manual slewing speeds up to 75 degrees per second without encoder error. Mounting bracket.
DSCH	Digital setting circle hardware, two sets of 2:1 ratio machined aluminum gears, two 2048 line optical encoders w/ RJ 11 connectors. Gears lock to shafts, NO radial movement, 6 stainless steel pin are used for linear movement. This system gives full use of the clutches without any misreading. Machined aluminum housings for encoders. R.A. and DEC. cable
AMC	Aluminum motor covers. Set (2). Fits GM-8, G-9, G-11 and HGM 200 mounts. Machined from solid aluminum and black anodized. Comes with all mounting hardware.
PS	Polar scope for GM-8, G-9 and G-11 mounts. Works in Northern or Southern Hemispheres. Direct reading. No calculations needed. Rotate polar scope and adjust altitude-azimuth knobs
TKS	Tripod knob set. Set (3). Machined aluminum knobs with stainless steel threaded shafts. For mounting equatorial head to tripod without tools. Fits GM-8 and G-11 mounts
LCLS	Leg clamp lever set. Set (6). Lever type, indexable handles. Fits leg clamps, replacing round knobs. Indexable so they can be moved out of the way.
CKS	Clutch knob set (2) R.A. and DEC. with (3) handles @ 30 degrees. For GM-8, G-9 and G-11 mounts. Makes clutch knobs easier to use, and gives greater clutching range.
FUP HD	Heavy duty foldup adjustable field tripod with spreader. 33" to 48" height. With new bayonet top. No need to remove bolts from equatorial head. The unique locking spreader design eliminates the outward forces that are found in other foldup tripods.
FUP KIT	Converts fixed and adjustable height legs from a Losmandy G-11 mount to a foldup tripod design. With new bayonet top. No need to remove bolts from equatorial head.
DGC	Delrin gear covers and aluminum bearing covers for DSCH. Protecting loose cables from damaged and bearings from dirt. Set (2). All machined.
TRAY	Accessory tray. 12" diameter, 1/2" deep, black powder coated. Fits GM-8 and G-11 tripods with spreaders.
A P P	Adapter plate for mounting GM-8 or G-11 saddle plate to polaris mount. Saddle plate needs to be ordered separately. Wt. 12 oz. Size of plate .5" x 2.0" x 6.75".
D P T A	Dovetail plate tangent arm. Remove dovetail plate and mount tangent arm system to the top of the curved blocks. Then mount the dovetail plate to the tangent system. The entire dovetail plate is now the tangent arm. Mount the DR rings to the dovetail plate. Tangent arm has +/- 1 degree of movement in both axis. Full locking to ensure no movement. Can be used with all Losmandy D-series dovetail plates. Maximum instrument weight 15 lbs. Wt. 3 lbs. Height from the top of tube to top of dovetail plate 2.5".

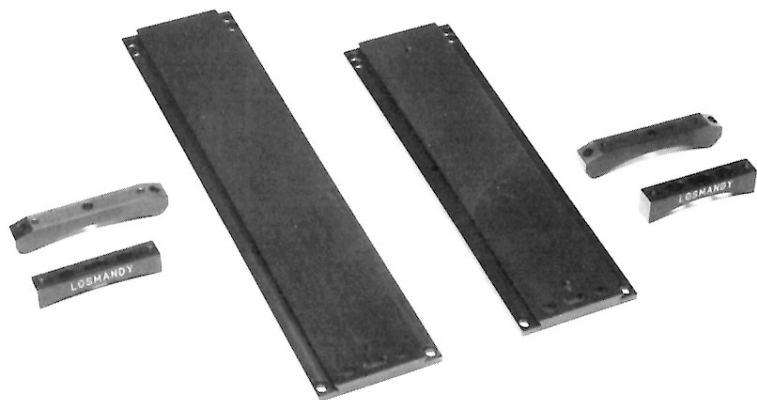
ALL SPECIFICATIONS MAY AND WILL CHANGE WITHOUT NOTICE



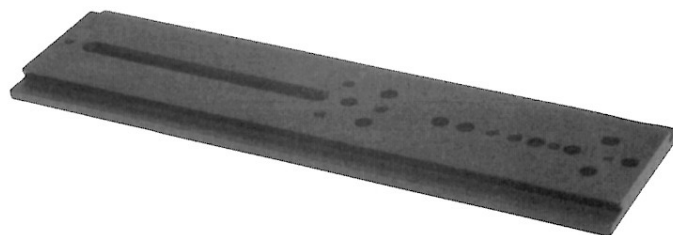
DAP SERIES



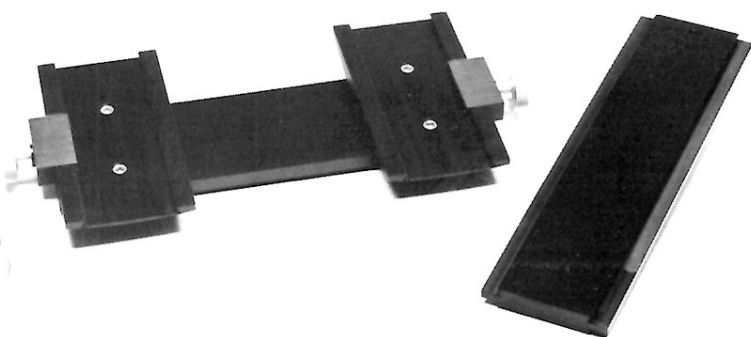
DC SERIES



DM SERIES

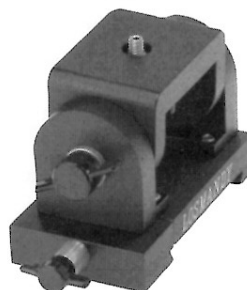


DUP



DSBS

DMM



DCM1



DCM

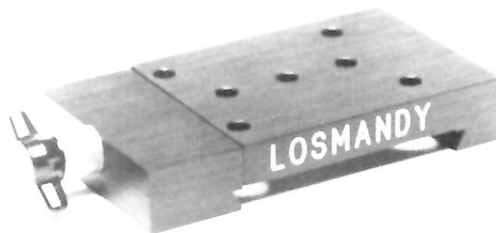


DR177

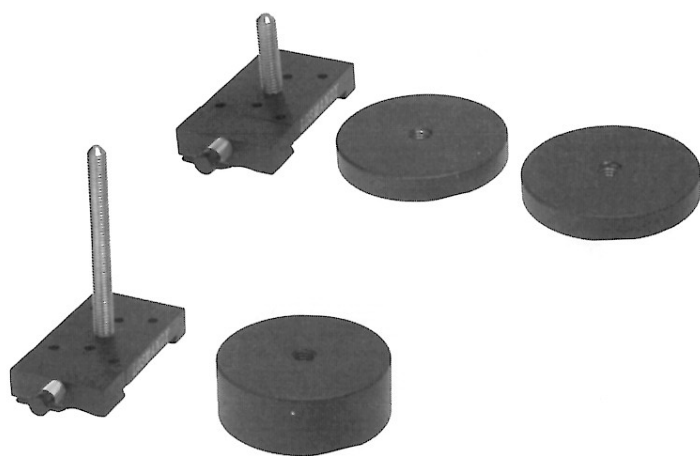
DR125

DR108
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DR90



DA



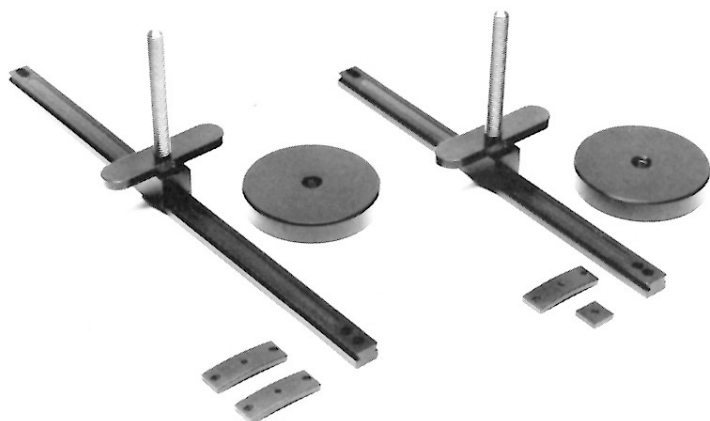
DWS

DDWS



RDF90

RDF65



WSC11-M10-C9.25

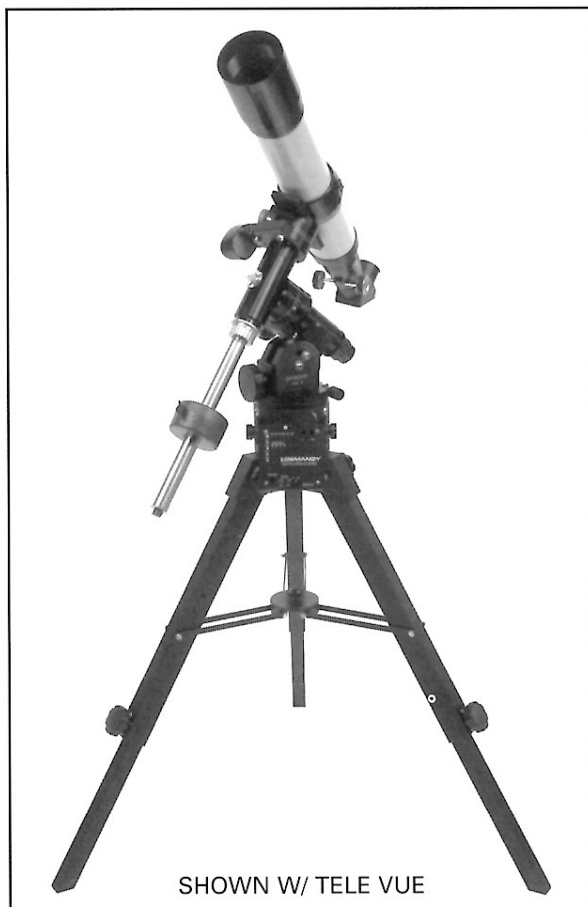
WSC8-M8



PBC11-M10-C9.25

PBC8-M8

LOSMANDY GM-8



SHOWN W/ TELE VUE



SHOWN W/ CELESTRON 8



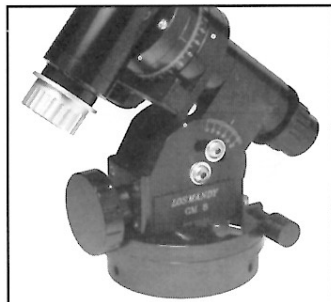
DEC. SADDLE PLATE AND
SETTING CIRCLE



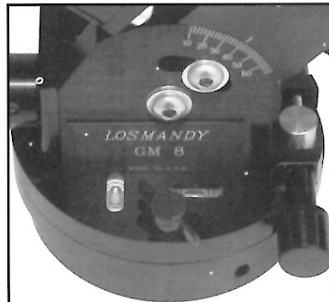
SIDE VIEW



R.A. SETTING CIRCLE



ALTITUDE ADJUSTMENT KNOB
AND SCALE



BUILT IN LEVELING BUBBLES



AZIMUTH ADJUSTMENT KNOBS

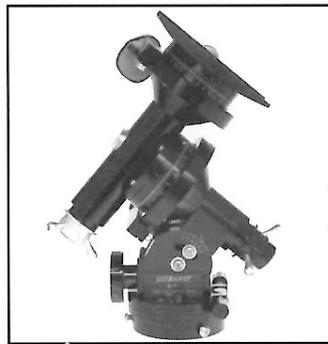
LOSMANDY G-11



SHOWN W/ CELESTRON 11



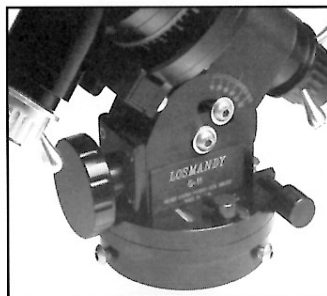
DEC. SADDLE PLATE AND
SETTING CIRCLE



SIDE VIEW



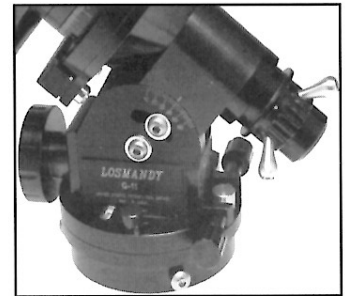
R.A. SETTING CIRCLE



ALTITUDE ADJUSTMENT KNOB
AND SCALE



BUILT IN LEVELING BUBBLES



AZIMUTH ADJUSTMENT KNOBS

GM-8

SPECIFICATION: R.A. / DEC. AXIS

- All machined aluminum and stainless steel, black anodized
- All stainless steel hardware
- One 2.100" diameter needle thrust bearing
- One 2.000" diameter needle thrust bearing
- Two 1.500" diameter needle bearings
- 2.812" diameter, 7075 aluminum worm gear, 180 tooth
- Dual supported, ball bearing housed stainless steel worm-heat treated and ground
- Variable slip clutch, both axes. One knob design
- 1.250" diameter aluminum shafts
- Fully locking, unique tangent arm design altitude adjustment, 0-64 degrees, large knob of easy alignment
- Laser engraved latitude scale in 2 degree increments
- Single knob azimuth control, bi-directional +/- 8.5°
- 3.500" diameter laser engraved setting circles 6 minute R.A. / 2 degrees DEC. R.A. circle engraved for Horthorn and Southern Hemisphere. Porter slip ring design.
- 160 oz/in stepper motor, 1.0 arc sec. step
- Dovetail saddle-plate allows for the interchanging of any tube assembly-reduces need for DEC. weights
- Removable stainless steel weight shaft & safety knob
- 7 lb counter weight
- 11 lb and 21 lb extra counter weights available
- Through the axis polar scope, works in Northern and Southern hemisphere. Polar scope optional
- Instrument weight capacity 30 lbs
- Equatorial head weight 21 lbs

TRIPOD:

- All machined aluminum, black anodized
- Tripod height, adjustable from 27" - 43"
- Foldup tripod design for easy transporting
- Tripod weight 15 lbs

DUAL-AXIS ELECTRONICS:

- Diamond push button pattern
- R.A. and DEC. reversing switches
- Three guiding rates; 30%, 50% and 2x sidereal rate
- Three setting rates; 4x, 8x, 16x sidereal rate and super fast 32x HST(high speed transfer)
- Quartz tracking rates; sidereal, solar, lunar, king
- Periodic Error Correction (PEC)
- Programmable DEC. Backlash Compensation(TVC)
- Control panel dimmer
- Accept auto-guider systems
- Northern and Southern hemisphere operation
- 12 volt DC - 500ma power use
- Tilttable control panel for easy access
- Small hand control box for comfortable use

All heights are to top of tripod. Add 9" @ 34 degrees to center of Dec.-R.A. junction. Add 6" from Dec.-R.A. junction to top of saddle.

G-11

SPECIFICATION: R.A. / DEC. AXIS

- All machined aluminum and stainless steel, black anodized
- All stainless steel hardware
- One 3.750" diameter needle thrust bearing
- One 2.000" diameter needle thrust bearing
- Two 1.500" diameter needle bearings
- 5.625" diameter, 7075 aluminum worm gear, 360 tooth
- Dual supported, ball bearing housed stainless steel worm-heat treated and ground
- Variable slip clutch, both axes. One knob design
- 1.250" diameter stainless steel shafts
- Fully locking, unique tangent arm design altitude adjustment, 14-64 degrees, large knob for easy alignment. (with small modification 8-68 degrees)
- Laser engraved latitude scale in 2 degree increments
- Single knob azimuth control, bi-directional +/- 8.5°
- 5.000" diameter laser engraved setting circles, 4 minute R.A., vernier reading to 1 minute / 1 degrees DEC., vernier reading to 0.1 degree. R.A. circle engraved for Horthorn and Southern Hemisphere. Porter slip ring design.
- 160 oz/in stepper motor, 0.5 arc sec. step
- Dovetail saddle-plate allows for the interchanging of any tube assembly-reduces need for DEC. weights
- Removable stainless steel weight shaft & safety knob
- 21 lb counter weight
- 7 lb and 11 lb extra counter weights available
- Through the axis polar scope, works in Northern and Southern Hemisphere. Polar scope optional
- Instrument weight capacity 60 lbs
- Equatorial head weight 36 lbs

TRIPOD:

- All machined aluminum, black anodized, powder coated
- Tripod height, adjustable from 33" - 48"
- Removable leg design for easy transporting
- Tripod weight 35 lbs

DUAL-AXIS ELECTRONICS:

- Diamond push button pattern
- R.A. and DEC. reversing switches
- Three guiding rates; 30%, 50% and 2x sidereal rate
- Three setting rates; 4x, 8x, 16x sidereal rate
- Quartz tracking rates; sidereal, solar, lunar, king
- Periodic Error Correction (PEC)
- Programmable DEC. Backlash Compensation(TVC)
- Control panel dimmer
- Accept auto-guider systems
- Northern and Southern hemisphere operation
- 12 volt DC - 500ma power use
- Tilttable control panel for easy access
- Small hand control box for comfortable use

All heights are to top of tripod. Add 10" @ 34 degrees to center of Dec.-R.A. junction. Add 7" from Dec.-R.A. junction to top of saddle.

LOSMANDY HGM 200

EQUATORIAL HEAD

- ALL MACHINED STAINLESS STEEL AND ALUMINUM. BLACK ANODIZED.
- 1.968" DIAMETER STAINLESS STEEL SHAFTS. R.A AND DEC.
- 9.000" DIAMETER. 360 TOOTH R.A. WORM GEAR. 7075 ALUMINUM. HEAT TREATED AND GROUND STAINLESS STEEL WORM, DUAL SUPPORTED BALL BEARING HOUSED. ADJUSTABLE PERLOAD. +/- 5 ARC SEC. PERIODIC ERROR.
- 5.062" DIAMETER NEEDLE TRUST BEARINGS.
- 3.543" DIAMETER SEALED BALL BEARINGS.
- 17 - 70 DEGREES ALTITUDE ADJUSTMENT. LASER ENGRAVED IN 2 DEG. INCREMENTS.
- +/- 10 DEGREES AZIMUTH ADJUSTMENT.
- X / Y AXIS LEVELING BUBBLES.
- DEC. AXIS REMOVABLE FROM R.A.. NO TOOLS NEEDED.
- VARIABLE SLIP CLUTCH BOTH AXES. ONE KNOB DESIGN.
- 9.000" DIAMETER. 360 TOOTH DEC. WORM GEAR. 7070 ALUMINUM. HEAT TREATED AND GROUND STAINLESS STEEL WORM, DUAL SUPPORTED BALL BEARING HOUSED. ADJUSTABLE PRELOAD.
- BUILT IN OPTICAL ENCODERS. 8192 STEPS. R.A. & DEC.
- FULLY ENCLOSED R.A. AND DEC. WORM AND WORM GEAR.
- 150 LBS INSTRUMENT WEIGHT.
- EQUATORIAL HEAD WEIGHT 97 LBS. R.A. 45 LBS., DEC. 52 LBS.
- REMOVABLE STAINLESS STEEL WEIGHT SHAFT. 1.500" DIAMETER, THREADED. QUICK RELEASE WEIGHT SYSTEM. COMES WITH ONE 21 LB. WEIGHT.
- SPLIT DOVETAIL SADDLE PLATE, TUBE ASSEMBLY LOADS FROM TOP. SIZE 1.00" X 7.00" X 16.00"
- 7.00" DIAMETER SETTING CIRCLES. LASER ENGRAVED. 4 MIN. DIRECT READING R.A., 1 DEG. DIRECT READING DEC.

DUAL-AXIS ELECTRONICS

- DIAMOND PUSH BUTTON PATTERN.
- R.A. AND DEC. REVERSING SWITCHES.
- THREE PHOTO GUIDE RATES +/- 20%, 50% AND 2X SIDEREAL RATE.
- THREE SETTING RATES; 4X, 8X, 16X SIDEREAL RATE.
- QUARTZ TRACKING RATES; SIDEREAL, SOLAR, LUNAR, KING.
- PERIODIC ERROR CORRECTION (PEC).
- CONTROL PANEL DIMMER.
- ACCEPTS AUTO-GUIDER SYSTEMS.
- NORTHERN AND SOUTHERN HEMISPHERE OPERATION.
- PROGRAMMABLE DEC. BACKLASH COMPENSATION (TVC).
- REQUIRES 12 VOLT DC-500MA POWER.
- SMALL HAND CONTROL BOX FOR COMFORTABLE USE.

TRIPOD

- ALL MACHINED ALUMINUM, BLACK ANODIZED.
- SEMI-PIER TRIPOD DESIGN.
- REMOVABLE LEGS WITH CLAMPS.
- TRIPOD WEIGHT 30 LBS, FIX HEIGHT VERSION.
- 7.00" DIAMETER PIER - 3.50" DIAMETER LEGS.
- 30", 36", 48", 60", TRIPOD HEIGHT.
- ONE SET OF LEGS COME WITH TRIPOD.

PERMANENT PIER

- 16" SQUARE BASE.
- 7.00" DIAMETER ALUMINUM COLUMN, BLACK WRINKLE POWDER COAT.
- CUSTOM HEIGHT.

OPTIONAL ACCESSORIES

- | | |
|--|-------------|
| • HGM PS - POLAR SCOPE, REMOVABLE, OFFAXIS. | 320.00 |
| • FLS - EXTRA SET OF LEGS. FIXED HEIGHT. 30". 36" 48". 60" | 250.00 each |

LOSMANDY HGM 200

