

AWR TECHNOLOGY - PRODUCT SHORTFORM - ASTROFEST 2007

Further information in our folders or on the web www.awrtech.co.uk or ask!

If it is not in stock we can get it for you. (01304-365918)

Other items are available, see web price list for full catalogue.

ITEM	GOTO SYSTEMS – FOLDER 1	PRICE
STANDARD MICROSTEP DRIVEBOX	Provides microstepping on hybrid stepper motors. Individual axis control with programmable drive rates, acceleration, backlash parameters. CCD Autoguider input. Accepts operation from both Simple Handset and Intelligent Handset at same time. 12V DC 2 amp to 8 amp (depending on motors) required. Fitted to scopes up to 36 inch diameter mirrors. OPEN LOOP control for encoder pulses.	£290.00
ADVANCED DRIVEBOX	Additional connectors for periodic error pulse input, relay outputs and override stop input.	£355.00
INTELLIGENT HANDSET	Provides coordinate readout, GOTO capability, Computer interfacing. Ovened crystal, adjustable backlight. Programmable to fit ANY telescope drive. Needs MICROSTEP DRIVEBOX. (Can be 50 metres from the telescope).	£450.00
DATABASE	IH Upgrade with 15,000 objects. 9 catalogues.	£65.00
SIMPLE HANDSET	Direction movements at three speeds. For local use at the telescope with microstep drivebox	£45.00
IH-PC LEAD	For planetarium programme connection. Computer GOTO's, SYNC etc	£20.00
DRIVE-PC LEAD	To reprogramme microstep drivebox registers on NON-GOTO systems	£20.00
QUAD DECODER	Decoder for optical shaft encoders to provide pulse information to the Intelligent Handset. This is an alternative CLOSED LOOP control method.	From £110.00
PSU9	24V DC 8.5 amp power supply	£200.00
RES BOX	Additional item required for 24 V operation.	£150.00
BASE CRADLE	Docking Cradle to fit Intelligent Handset. Powered separately from drivebox.	£70.00

MOTOR/32	Small microstepping motor 32Ncm (EQ5, CG5, PORTA, HEQ5, EQ6, Alter D6. Usually geared onto slow motion axis.	From £55
MOTOR/85	Medium microstepping motor 85Ncm. Scopes up to 12 inch on Fullerscopes MK 2,3,4 AE mounts, Beacon Hill etc. Usually fitted with timing belt reduction.	From £85
MOTOR/210	Large microstepping motor 210Ncm. For largest scopes. Usually fitted with timing belt reduction (2:1 to 3:1)	From £130

ITEM GOTO UPGRADE KITS – FOLDER 1

All kits have DATABASE fitted to Intelligent Handset but do not include a power supply.

EQ5 KIT	For VIXEN GPE, GP-DX, SP, SYNTA EQ5, HEQ5, CELESTRON CG5 self install.	From £750.00
EQ6 KIT	Synta EQ6 and all variants self install kit.	From £850.00
ALTER D6 KIT	Fitting into head by AWR or self install.	From £950.00

ITEM NON-GOTO UPGRADE KIT – FOLDER 1

EQ5 BASIC	Standard Microstep drivebox, 2 motor assemblies and Simple Handset only. (Can be made GOTO later on). Also available for other mounts.	£450.00
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ITEM DISPLAY UNITS – FOLDER 1

AD100	ASTRO DISPLAY UNIT. Observatory units to provide large lit displays. Fits in the serial stream of LX200 protocol equipment. Gets the required parameter to display – RA DEC AZ ALT HA LST UT. Supplied with power supply and lead.	£160.00
SC110 (Mk 3) NEW!	DUAL MODE SIDEREAL / UNIVERSAL TIME CLOCK. Free standing unit with backlit LCD display and ‘PIPS’ for observatory use. Supplied with power supply. Options available to provide Ovened Crystal, Internal rechargeable battery, Metronome output, SERIAL INTERFACE to set your computer or telescope clocks.	From £130.00

ITEM	ELECTRONIC TEST – FOLDER 2	
SEEKER	Programmable rectangular spiral for FINDING OBJECTS, MOSAIC PHOTOGRAPHY and DRIVE DIAGNOSTICS. Fits in Autoguider input of ANY TELESCOPE. (SS2K vn available)	£59.00
AUTOGUIDER	Tester for ALL AUTOGUIDER INPUTS on ANY TELESCOPE. Displays signals present from camera and simulates direction controls with jumper links. (SS2K version available)	£45.00
GUIDE 'n SEEK <i>NEW!</i>	SEEKER with additional DIRECTION KEYPAD (Std and SS2K vn available)	£70.00
SERIAL MONITOR	RS232 Serial diagnosis with LED's on 7 wires (self powered)	£35.00

ITEM	ACCESSORIES – FOLDER 2	
RONCHI	Ronchi grating 80 or 120 lines per inch – mirror testing, star testing	£9.50
PTFE	Sheet and blocks 1mm and 6mm thick + offcuts	From £6.00
PSU ADAPTER	12V DC 1.2 amp regulated power supply, plug top, 2.1mm DC connector, positive centre	£18.00
PSU5	12V DC 60 Watt (5 amp) switched mode power supply with leads	£55.00
POLE ILLUM	POLARSCOPE ILLUMINATOR. Dim red light + battery box. 3 sizes available to suit EQ5, HEQ5, EQ6, Alter D6 etc	£20.00
PC EXTENDER	Serial lead 9 pin male to 9 pin female – straight through	£5.00
PC CROSSOVER	Serial lead 9 pin female to 9 pin female – crossover	£5.00
USB to SERIAL	FTDI USB converter. Full capability USB 1.1 and 2.0 standard	£20.00
RJ12 LEAD	6 pin 1.2m (Other lengths available)	£5.00
RJ45 LEAD 3m	8 pin standard network cable 3m or 10m available	From £5.00
RJ45 COUPLER	To extend network cables	£4.00