

QUANTUM



STUDENT/EDUCATOR PURCHASE PROGRAM



Application Form

QUANTUM INSTRUMENTS INC.

1075 STEWART AVE., GARDEN CITY, NY 11530 TEL:(516)222-6000 FAX:(516)222-0569

E-Mail: QuantumHelp@qtm.com

http://www.qtm.com

CONSUMER PRICE LIST

March 1, 2004

Prices & specifications subject to change without notice.

QUANTUM POWER FOR FLASH SELECTION CHART - modules and cables*

Find your flash or camera in the left column. Then read across to locate the compatible modules or cables to fit the Quantum power packs listed:

** "CC" short cords are usually used with Turbo C when mounted under a camera. They may also be used with any other Turbo when mounted near a flash, such as on a light stand.

FLASH MODEL	QB1 Compact		QB2	Turbo Compact		FLASH MODEL	QB1 Compact		QB2	Turbo Compact		FLASH MODEL	QB1 Compact		QB2	Turbo Compact	
	BANTAM	QB1+		**	TURBO 2x2 QTZ		BANTAM	QB1+		**	TURBO 2x2 QTZ		BANTAM	QB1+		**	TURBO 2x2 QTZ
ACHIEVER - 1850STW	XA2	MA2				METZ - CONT						PENTAX-AF500FTZ					CN3
300AF ² ,630AF ²	XG2 ²					32Z SERIES	XE3	ME3				PROMASTER/ PROMATIC					
DZ260,360LCD,TZ250	XG2	MG2				36CT SERIES	XE	ME				FTD4000, FTD4500AF	XF2	MF2			
632LCD,320T	XG2	MG2				40MZ1i, 40MZ2, 40MZ3	XE4	ME4				FTD5200 ² ,FTD5600 ²	XF2 ²				
ARMATAR - 100					CV	45CT-1,45CT-5			MM		CM1	FTD 5700,5950,	XB5	MB5			
200,300					CV	45CL 1,3,4;45CT 3,4			MM	CCM4	CM4	FTD 6500M, 7000M	XB5	MB5			
LR200HD,LR300HD					CA	54MZ-3, 54MZ-4	XKZ2	MKZ2		CCM5+	CM5+	RICOH - SL300P	XA2	MA2			
M200,M300					CA	50MZ-5 ³ , 70MZ-4/5 ³				CCM5+	CM5+	SL400				MN	
BRAUN - 320,340	XA2	MA2				MINOLTA - 280PX ²	XA2 ²					SIGMA - EF430	XG2	MG2			
CANON - MR-14EX	XA2	MA2		CCZ	CZ	320X,80PX	XA2	MA2				EF500ST, EF500 SUPER	XVI	MVI			
155A,199A	XA2	MA2				360PX	XA2	MA2			CL3	STARBLITZ-3000 SERIES	XB2	MB2			
299T	XB2	MB2				2800AF	XE	ME				(EXCEPT 3600DFM)					
300TL, ML-3	XG2	MG2				1200AF MACRO	XE	ME				3600DFM,3800 DEF	XF2	MF2			
300EZ	XF2	MF2				4000AF	XB2	MB2			CL4	D30CP	XB2	MB2			
380EX, 420EX	XF3	MF3				3200i	Xi	Mi				SUNPAK - 411S,383	XG2	MG2		CCS4	CS4
420EZ	XZ2	MZ2				3500Xi	Xi5	Mi5				422D,433D/AF,444D	XG2	MG2		CCS4	CS4
430EZ	XZ2	MZ2		CCZ	CZ	5400HS,5400Xi,5200i	Xi5	Mi5			CL5	30SR,30DX,36FD,36DX	XG2	MG2		CCS4	CS4
480G ¹				CCZ	CZ	3600HS(D)	XKZ2	MKZ2				331,333,333D,344D,355AF	XG2	MG2			
540EZ, 550EX	XKZ2	MKZ2		CCZ	CZ	5600HS(D)	XKZ2	MKZ2			CL5	26DX/FD/SR, 260, 266D	XG2	MG2			
COBRA - 30TD,D500	XA2	MA2				NATIONAL - PE321SW	XA2	MA2				AUTO DX 8R	XA2	MA2		CCS4	CS4
300AF ² ,700AF ²	XG2 ²					PE387S, PE388SW	XG2	MG2				AUTODX 12R	XG2	MG2		CCS4	CS4
D650,D632	XG2	MG2				JAPAN ONLY: PE381SG					CN3	411,511				CCS5	CS5
CONTAX - TLA30 ²	XA2 ²					NIKON - SB800	XKZ3	MKZ3		CCKE	CKE	522,544,555,4205G			MS	CCS5	CS5
TLA360	XKZ2	MKZ2			CKE	SB23,SB12,SB16	XG2	MG2				455,AUTOZOOM 3600			MS	CCS5	CS5
TLA280	XA2	MA2				SB15,SB17	XF2	MF2				AP52, 4000 AF				CCS4	CS4
CULLMAN - MC25	XG2	MG2				SB20,SB22	XE	ME				PZ5000AF	XKZ2	MKZ2		CCS4	CS4
MC30,CX35,CX40	XG2	MG2				SB24,SB25	XKZ2	MKZ2		CCK	CK	611,AUTOZOOM 5000		MC		CCS5	CS5
FUJICA - 300X ²	XF2 ²					SB21 ²	XF2 ²					622, 622 PRO		MH			CS6
HANIMEX - TZ134	XB2	MB2				SB26, SB27,SB28-NON EURO	XKZ2	MKZ2		CCK	CK	120J AUTO PRO /TTL		MA2		CCS4	CS4
TS855	XB2	MB2				SB28-EURO,28D,28DX,80DX	XKZ2	MKZ2		CCKE	CKE	MZ440AF-CA ⁴ , MX ⁴	XG2	MG2			
TZ3-36A ²	XE ²					SB-29	XKZ2	MKZ2				VIVITAR - 285	XA2	MA2			
PRO 550 ²	XB2 ²					NISSIN - 340T	XG2	MG2				283,285HV	XA2	MA2		CCV	CV
HASSELBLAD - 4504			MM	CCM4	CM4	360WX,360TW	XG2	MG2				3700,4600, 600 SERIES 1	XA2	MA2		CCV	CV
D-Flash 40				CCM4	CS4	4000GW, 4800GT, 5000GT				MN		4900 VT			MN2		
HONEYWELL- 710					CH	4200, 4500GTE, 6000AF/GT				MN2		5200,5600	XG2	MG2		CCV	CV
780, 780S, 782					CH	NEW STYLE 5000GT(HLDR)				MN2		3900					CN3
810, 890, 890S					CH	OLYMPUS - FL-40	XA2	MA2				628AFM,636AF	XF2	MF2			
892, 892S					CH	T32	XE	ME			CO3	5250,728ZOOM,836AF	XG2	MG2			
METZ -25CT3	XA2	MA2				T45					CO3	730 AFC	XB5	MB5			
28CT3,38CT3	XA2	MA2				FL-50	XKZ2	MKZ2				736 AFM, 840 AFC	XVI	MVI			
32CT SERIES,EXCEPT CT7	XE	ME				PENTAX - AF200T, AF280T	XA2	MA2				YASHICA - CS250AF	XG2	MG2			
						AF400T				MP							

¹ All Turbos may require no charge factory modification to operate with flash. ³ Note CM5+ instruction manual restrictions when used with Turbo not Turbo Z.

² QB1c not recommended for use with this flash use Bantam only. ⁴ Battery compartments have changed on newer units with same model #. Old units use XF3, MF3

Quantum Power for Digital Cameras and their Flashes

March 1, 2004

Use Quantum Batteries for extended power for your digital camera!

Use Turbo Batteries to power your flash and digital camera!

		Quantum Cables and Modules to power your gear listed below:					
Digital Camera Model	¹ Flash Model	Battery 1 Compact	Battery 1 / 1+	Battery 2	Turbo Compact	³ Turbo Battery	Turbo 2x2 Battery
		Digital Camera Power Only			DigiCam Power / ² Flash Power		
CANON - D30, D60, 10D, 300D/Digital Rebel	Canon 550EX				YDC30 / CCZ	CD30 / CZ	CD30 / CZ
EOS D2000	Qflash T2/D/4D			MDC3	YDC3	CD3	CD3
EOS 1D, 1Ds	Canon 550EX				YDC6 / CCZ		SD6 / CZ
EPSON -PC850Z, PC3000Z		XDC2	MDC2		XDC2		SD2
FUJI - FinePix S1 Pro, S2 Pro	Nikon SB28DX SB80DX, SB800	XDC4	MDC4		XDC4 / CCKE		SD4 / CKE
KODAK - DCS 315, 330, DC 50, 120				MDC5	YDC5	CD5	CD5
DCS 315, 330	Qflash T2/D/4D				YDC5	CD5	CD5
DC 4800		XDC4	MDC4		XDC4		SD4
DC 200, 210, 220, 260, 265, 280, 290, 3400, 5000		XDC2	MDC2		XDC2		SD2
DCS 520, 620, 620x, 720x, 760	Qflash T2/D/4D			MDC3	YDC3	CD3	CD3
DCS 720X, 760	Nikon SB28DX SB80DX, SB800				YDC3 / CCKE	CD3 / CKE	CD3 / CKE
DCS PRO BACK	Qflash T2/D/4D			MDC3	YDC3	CD3	CD3
DCS PRO BACK 645M, 645C	Qflash T2/D/4D			MDC5	YDC5	CD5	CD5
DCS Pro 14n	Nikon SB28DX SB80DX, SB800				YDC8		SD8 / CKE
MINOLTA -Dimage RD 3000, 5, 7, 7i, S404		XDC4	MDC4		XDC4		SD4
NIKON -COOLPIX 800, 880, 885, 900, 950, 4300		XDC2	MDC2		XDC2		SD2
COOLPIX 900S, 990, 995, 4500, 5000, 5700	Nikon SB28DX SB80DX, SB800	XDC2	MDC2		XDC2 / CCKE		SD2 / CKE
D1,D1X, D1H	Nikon SB28DX SB80DX, SB800				YDC1 / CCKE	CD1 / CKE	CD1 / CKE
D100	Nikon SB28DX SB80DX, SB800				YDC100 / CCKE	CD100 / CKE	CD100 / CKE
OLYMPUS - All C, and D Series digicams except C50,D40, D-560Zoom		XDC2	MDC2		XDC2		SD2
E10, E20 digital cameras	Qflash T2/D/4D	XDC2	MDC2		XDC2		SD2
Sigma 9	Qflash T2/D/4D	XDC4	MDC4		XDC4		SD4

NOTES:

- Flash model can be a Qflash, Qflash 2, 2d, or 4d, or manufacturer's flash listed.
- "CC" series Flash Cables (1.5' / .5m long) are ideal for Turbo Compact. "C" series Flash Cables (6' / 2m long) are ideal for Turbo and Turbo 2x2. Qflash comes with its own cable- an accessory cable is not required.
- Turbo needs Dual Connector QT48 to power both digital camera and flash. Turbo Compact & Turbo 2x2 have two outputs to power both a flash and camera.

Quantum QTTL Compatibility and Features Supported March 1, 2004

			New Features Supported							
Camera Model	QTTL	Qflash Model	Full Dedication	Pre-flash Metering	Auto Focus Assist	TTL Ratio / Fill Flash	Auto Ratio / Fill Flash	Rear Curtain Sync	Shutter Speed Control	View Finder Ready Ind.
Canon EOS1, EOS3, D30, D60, 10D, EOS1D, EOS1Ds, Rebel 300D	D13N	T2/X2 Digital	●	ETTL / ATTl	●	●	●	●	●	●
		T2/X2			●					
Nikon N90s, F100, F5, D1,D1H, D1X, D100 Fuji S2	D12	T2/X2 Digital	●	DTTL @	●	●	●	●	●	●
		T2/X2				●				●
Contax 645	D24	T2/X2 Digital	●	NA	●	●	●	●	●	●
		T2/X2				●				
Mamiya 645AF, 645AFD	D25	T2/X2 Digital	●	NA	●	*	●	NA	●	●
		T2/X2					*			
NA: Not Applicable. Camera does not support this feature @ N90s does not support D-TTL / Matrix metering * Set TTL fill flash ratio on camera body, model 645AFD only										

Quantum Battery 1 Compact

QB1c	QB1 Compact Battery			Retail: 226	
6V NiMH cell rechargeable power pack w/115 VAC charger QB1c has two outputs, for Bantam "X" modules and QB1+ "M" modules					
Model	Description	Retail	Model	Description	Retail
XA2	locking module	48	XCX	power cord for Contax 645	37
XB2	locking module	48	XKZ2	locking module	60
XB5	module type B5	48	XKZ3	locking module for Nikon SB800	60
XDC2	power cord for digital cameras	37	XVI	module type VI	60
XDC4	power cord for digital cameras	37	XZ2	locking module	60
XE	module type E	48	QBO	offset multi bracket	25
XE3	module for Metz 32Z series	64	QB24	UK 230 VAC charger	56
XE4	module for Metz 40MZ2	64	QB26	replacement 115 VAC charger	42
XF2	locking module	48	QB32	Aus/NZ charger 240 VAC	43
XF3	module type F3	48	QB35	vehicle charger	113
XG2	locking module	48	QB38	Euro/Scan. charger 230 VAC	50
Xi5	module type i5	48	QBC	mounting clamp	40

Notes: See QB1+ Modules & Accessories for QB1c Compatibility
Bantam Chargers & QB1+ Vehicle & Fast Chargers are not compatible with the QB1c

Bantam Battery Accessories

Model	Description	Retail	Model	Description	Retail
BEX	2-6 ft coiled extension for Bantam Modules	39	BR1	replacement 115 VAC charger	39
BQA	adapts QB1 / QB1+ modules to Bantam	39	BR3	Aus/NZ charger 240 VAC	42
BQB	adapts Bantam modules to QB1 / QB1+	48	BR4	Euro/Scan. charger 230 VAC	50
			BR5	UK 230 VAC charger	50
			BCLIP	replacement case clip	2
			BCLSK	screw knob assy. for BCLIP	5

Notes: See QB1 Compact Modules for Bantam Compatibility

Quantum Battery 1 + , Modules and Accessories

QB1+	Quantum Battery 1+			Retail: 259	
6V lead cell rechargeable power pack w/115 VAC charger					
Model	Description	Retail	Model	Description	Retail
MA2	locking module	60	Mi5	module type i5	65
MB2	locking module	60	MKZ2	locking module	65
MB5	module type B5	65	MKZ3	locking module for Nikon SB800	65
MC	module type C	101	ML	module type L	68
MCX	power cable for Contax 645	37	MVI	module type VI	74
MDC2	power cable for Digital Cams	37	MZ2	locking module	68
MDC4	power cable for Digital Cams	37	QB22	10' extension for QB1 / QB1+ modules	48
ME	module type E	65	QB24	UK 230 VAC charger	56
ME3	module for Metz 32Z series	65	QB26	replacement 115 VAC charger	42
ME4	module for Metz 40MZ2	65	QB32	Aus/NZ charger 240 VAC	43
MF2	locking module	65	QB34	fast charger 115 VAC	152
MF3	module type F3	65	QB35	vehicle charger	113
MG2	locking module	65	QB38	Euro/Scan. charger 230 VAC	50
MH	module type H	68	QBC	mounting clamp	40

QUANTUM BATTERY 2, MODULES AND ACCESSORIES

QB2	Quantum Battery 2				Retail: 296
	9V lead cell rechargeable power pack w/115 VAC charger				
Model	Description	Retail	Model	Description	Retail
MDC3	power cable for Digital Cams	37	QB27	replacement 115 VAC charger	42
MDC5	power cable for Kodak Digital	37		(QB2 s/n 211833-215329)	
MM	module for Metz 45CT/45CL	68	QB28	replacement 115 VAC charger	42
MN	module for Nissin-see chart	85		(all other QB2 s/n)	
MN2	module for Nissin-see chart	85	QB29	UK 230 VAC charger	50
MP	module for Pentax AF400T	85	QB33	Aus/NZ charger 240 VAC	43
MS	module for Sunpak-see chart	65	QB36	vehicle charger	107
MY	power cable for Mamiya	48	QB37	fast charger 115 VAC	152
	RZ67 Pro 11 & 645 Pro cameras		QB39	Euro/Scan. charger 230 VAC	50
QB23	10' extension for QB2 modules	54	QBC	mounting clamp	40

QUANTUM BATTERY 5+ MODULES AND ACCESSORIES

Model	Description	Retail	Model	Description	Retail
MDC6	cable - Canon EOS 1D,1Ds	37	RA-0	power cord without	37
DCK	cable -Kodak/Canon Dig Cam	99		module attached	
QB22	10' ext for QB5 adpt cables	48	RA16	vehicle charger	121
HB30	replacement 115 VAC charger	42	PS	QPAQ shoulder strap	45
HB32	Euro charger 230 VAC	43	QBC	mounting clamp	40

QUANTUM BATTERY 5 (ONLY) CHARGERS

QB50	replacement 115 VAC charger	42	QB52	Japan charger only	50
QB51	Euro charger 230 VAC	50	QB53	UK Charger 230 VAC	50

TURBO Compact , CABLES AND ACCESSORIES

TC	Turbo Compact				Retail: 512
	325V NiMh cell rechargeable power pack w/100-240v charger				
Model	Description	Retail	Model	Description	Retail
YDC30	cable for Canon D30,D60,10D	62	CCV	short cable Vivitar and Armatar	45
YDC100	cable for Nikon D100	47		see flash chart	
YDC1	cable for Nikon D1,1X,1H	47	CCZ	short cable for Canon -	45
YDC3	cable for Kodak 720X, 760	42		see flash chart	
YDC5	cable- see digital chart	42	TCRUS	replacement 100-240v charger	54
YDC6	cable for Canon 1D, 1Ds	90	TCRE	Euro/Scan. Charger 100-240v	62
YDC8	cable for Kodak Pro 14n	42	TCRA	Aus/NZ charger 100-240 VAC	62
XDC2	cable- see digital camera chart	37	TCRUK	UK 100-240v charger	62
XDC4	cable- see digital camera chart	37	QT48	dual connector for	91
CCK	short cable Nikon-see CK cable	45		powering two flashes	
CCKE	short cable Nikon-see chart	45	QT49	10' extension cord for	62
CCM4	short cable Metz-see CM4 cable	45		Turbo cables	
CCM5+	short cable Metz-see CM5+ cbl	54	QMC	Multi clip	11
CCS4	short cable Sunpak-see chart	45	ES1	for Viv 285HV;Metz 45CL1,3,4	6
CCS5	short cable Sunpak-see chart	45		& 45CT 3,4;Hasselblad 4504	
			ES2	for Canon 430EZ, 540EZ, 550EX	6
				Nikon SB24, SB25	

Notes: Turbo Compact can also use same flash cables as Turbo Battery

QUANTUM TURBO Z BATTERY ACCESSORIES

Model	Description	Retail	Model	Description	Retail
QZRUS	replacement 115 VAC chgr	42	QZRJ	Japan charger only	53
QZRA	Aus/NZ charger 240 VAC	53	QZRUK	UK 230 VAC charger	53
QZRE	Euro/Scan. charger 230 VAC	53	QZU	Turbo Z universal charger	61

NOTE: QTZ uses same cables as QTB

QUANTUM TURBO 2X2 BATTERY, CABLES AND ACCESSORIES

T2X2	Quantum Turbo 2X2 Battery 325V NiMh rechargeable power pack with 100-240 VAC charger				Retail: 654
Model	Description	Retail	Model	Description	Retail
SD2	cable- see digital chart	43	TRE	Euro/Scan. charger 100-240v	64
SD4	cable- see digital chart	43	TRA	Aus/NZ charger 100-240v	64
SD6	cable- see digital chart	43	TRUK	UK charger 100-240v	64
SD8	cable- see digital chart	43	TRV	vehicle charger	107
TRUS	replacement 100-240v charger	56			

NOTE: T2X2 uses same digital and flash cables as QTB

QUANTUM TURBO BATTERY, CABLES AND ACCESSORIES

QTB	Quantum Turbo Battery 325V lead cell rechargeable power pack w/115 VAC charger				Retail: 508
Model	Description	Retail	Model	Description	Retail
CA	cable for Armatar-see chart	85	CS5	cable for Sunpak-see chart	50
CD30	cable for Canon D30,D60,10D	76	CS6	cable for Sunpak 622	81
CD100	cable for Nikon D100	43	CV	cable for Vivitar and Armatar- see chart	50
CD1	cable for Nikon D1,1X,1H	43	CZ	cable for Canon - see chart	50
CD3	cable for Kodak 720X, 760	43	QT40	replacement 115 VAC charger	43
CD5	cable- see digital chart	43	QT42	Euro/Scan. charger 230 VAC	50
CH	cable for Honeywell- see chart	62	QT43	Aus/NZ charger 240 VAC	50
CK	cable for Nikon SB11, SB24 SB25, SB26, SB28-US	50	QT44	Japan charger 100 VAC	50
CKE	cable for Nikon-see chart	50	QT45	UK 230 VAC charger	50
CL3	cable for Minolta 360PX	50	QT46	vehicle charger	113
CL4	cable for Minolta 4000AF	50	QT47	faster charger 115 VAC	152
CL5	cable for Minolta - see chart	50	QT48	dual connector for powering two flashes	91
CM1	cable for Metz 45CT-1,-5	50	QT49	10' extension cord for Turbo cables	62
CM4	cable for Metz 45CL1,3,4 & 45CT3,4, Hasselblad 4504	50	QBC	mounting clamp	40
CM5+	cable for Metz - see chart	62	ES1	for Viv 285HV;Metz 45CL1,3,4 & 45CT 3,4;Hasselblad 4504	6
CN3	cable for Vivitar 3900	50	ES2	for Canon 430EZ, 540EZ, Nikon SB24, SB25	6
CO3	cable for Olympus T32, T45	50			
CS4	cable for Sunpak-see chart	50			

QUANTUM QFLASH DIGITAL

QFT4D	NEW! Qflash, model T4d. Requires Turbo for power. *Same features as T2 plus additional capabilities below:	Retail: 775
QFX2D	Qflash, model X2. Powered by QPAQ-X, Lumedyne or Norman 200 & 400 watt-second power packs. *Same features as X2 plus additional capabilities below: *Full TTL Dedication for new digital and film cameras, Automatic Fill Mode, Automatic Sensor Limit, Quick Turn off, Twice as many Program Modes	853
Qflash T4D & X2D USES THE SAME ACCESSORIES AS QFLASH T2 AND X2		

FULLY DEDICATED QTTL ADAPTERS FOR T2D and X2D QFLASH

Model	Description	Retail
D12	Nikon N90s, F100, F5, D1, D1H, D1X, D100 Fuji S2	149
D13N	Canon EOS1, EOS3, D30 D60, 10D, EOS1D, 1Ds, Rebel 300D	149
D24	Contax 645	149
D25	Mamiya 645AF, 645AFD	149

QUANTUM QFLASH

QFT2	Qflash, model T2. Requires Turbo for power. Includes 6ft. (2m) coiled power cord, reflector, diffuser, removable flashtube, earphone & 1/4-20 mounting thumbscrew.	Retail: 645
QFT2C	Special Edition Clear Qflash, model T2 (supplies limited)	716
QFX2	Qflash, model X2. Powered by QPAQ-X, Lumedyne or Norman 200 & 400 watt-second power packs. Includes reflector, modeling lamp, removable flashtube, diffuser, earphone & 1/4-20 mounting thumbscrew. Norman & Lumedyne require a QF40, 41, or 42 power cable.	752
QFX2C	Special Edition Clear Qflash, model X2 (supplies limited)	791

QFLASH MODEL T/ T2/ T2D /T4D ACCESSORIES & POWER CABLES

Model	Description	Retail	Model	Description	Retail
QF30	replacement flashtube	59	QT48	dual connector for powering two Qflash with Turbo	91
QF30uv	optional UV coated flashtube	71	QT49	Turbo ext cord, 10ft. (3m)	62
QF36T	remote Qflash T/T2 head 8' cord	163			

QFLASH MODEL X/ X2/ X2D ACCESSORIES & POWER CABLES

QF32	replacement flashtube	81	QF41	Adapts QFX to Norman 400B	84
QF32uv	optional UV coated flashtube	96	QF42	Adapts QFX to Lumedyne power packs.	84
QF33	replacement modeling lamp	20	QF43	Straight ext cord, 16ft. (5m)	84
QF36X	remote Qflash X/X2 head 8' cord	183			
QF40	Adapts QFX to Norman 200B/C	84			

ACCESSORIES FOR QFT, QFX & DIGITAL

QF60	spare reflector	39	QF65	clear UV filter kit for Qflash	20
QF61B	"snoot " for pinpoint lighting	29	QF66	color gel pack	33
QF62Bs	bare bulb enhancer- silver	40	QF67A	wide angle diffuser	39
QF62Bg	bare bulb enhancer- gold	40	QF68	12x12 Qflash Softbox	78
QF63B	telephoto reflector-inc QF63s	93	QF70E	quick release " L " bracket	124
QF63s	flashtube spacer for QF63	40	QF70US	camera/flash flip bracket	152
QF64	diffusing UV filter kit for Qflash	20	QF72	Qflash Multi Bracket	54
			QF73	"L" Bar only from QF72	28

CONTROL CABLES FOR QFT, QFX & DIGITAL

Model	Description	Retail
QF50	cable to slave two Qflashes together. 20ft. (6m)	42
QF51	extension cable, male to female, 20ft. (6m). To extend QF50, 52, 53 cables, TTL adapters, or QF21. Maximum length 100ft. (30m) using 5 QF51 cables.	42
QF52	"Y" connector module needed for third Qflash connected, & each one thereafter. required for a TTL adapter or remote sensor when used with two or more Qflashes.	62
QF53	hot shoe sync adapter. syncs Qflash via hot shoe on camera.	62
536	sync cord, coiled 18" (.5m), PC to household male	34
537	sync cord, coiled 5ft. (1.5m), PC to household male	36

TTL ADAPTERS AND REMOTE SENSOR FOR QFT, QFX & DIGITAL

QF10	Olympus : OM- 2, 2N, 2SP, 4, 40, 707, 77AF, 88, 101, Practica BX20	93
QF11	Minolta X : X700, X500, X570, CLE, Maxxum- 5000, 7000, 9000	93
QF12	Nikon : FA, FG, FE2, F100 , N2000, N2020, F301, F4, F4S, F401, F401S, N4004, F5 , F501, F601, F601M, N60 , N6000, N6006, N70 , F801, N8008, N90, N90S Fuji : FinePix S1 Pro	104
QF13N	Canon : EOS- 3 , A2, A2E, A5, 1, 1n, 1n RS,1v, 7 , 7E , 10, 10S, 600, 620, 630, 650, 700, 750, 850, 1000, 1000F, RT, T90 ,Rebel, Rebel S, Elan, Elan 2, Elan 2E	93
QF14	Minolta Xi : Dynax & Maxxum - 3000i, 3700i, 5000i, 700i, 7000i, 8000i, 8700i; 3Xi 5Xi, 7, 7Xi, 9, 9Xi, SPXi, Dimage RD 3000 Digital Camera	104
QF15	Contax : RTS II, RTS III, MD137, MA137, 139, 159MM, 167MT, G1, G2	93
QF16	Leica : R5, RE, R6, R6-2, R7	93
QF17	Pentax : SFX, SFXn, SF1, SF1n, SF7, SF10, Z1, Z10, PZ1, PZ10, LX(with finder shoe) Super A, 645, 645N	93
QF18	Rollei : SL2000f, 3001, 3003, SL66e, SL66x, SL66se, SL6006 , 6002, 6003, 6008 / i, 2.8GX	194
QF19	Hasselblad : 500ELX, 503CW/CX/CXI, 553ELX, 555ELD, 201F, 202FA, 203FE, 205TCC/FCC	222
QF20	Bronica : ETRsi, SQAi	248
QF21	Remote Sensor : shoe mount with live sync contacts	175
QF22	Mamiya : 645 Pro TL	248
QF23	Leica : R8	248
QF24	Contax : 645	194
QF25	Mamiya : 645AF, 645AFD	248

QUANTUM QPAQ-X

		Retail:
PX	QPAQ-X Command Module. 200ws power pack for the Qflash X/X2. Two outputs, capacity gauge & normal or ultra fast recycling button. A PB1 or PB2 is needed to power a Command Module. QPAQ-X shoulder strap included. Charger not included.	701
PXC	200 watt-sec. Add-on Module	209
PB1	Hi-Performance battery	305
PB2	Compact Battery	259

QPAQ-X ACCESSORIES

Model	Description	Retail	Model	Description	Retail
PAC	AC module- SEE ³	245	PR1UK	UK 230 VAC charger	53
PDC	dual battery adapter- SEE ³	242	PR1A	AUS/NZ 240 VAC Charger	53
PPM	pole mount for lightstand	54	PR2	QPAQ universal charger	135
PS	QPAQ shoulder strap	45	PR3A	240v fast chg- A/NZ PAC /PDC	60
PCL	Lumedyne adpt cbl-Qpaq-X	71	PR3E	230v fast chg- E/S PAC / PDC	60
PR1US	115 VAC charger	45	PR3UK	230v fast chg- UK PAC / PDC	60
PR1E	Euro/Scan. charger 230 VAC	53	PR3US	115V fast chgr-PAC/PDC ONLY	62
	³ requires PR charger		PRV	vehicle charger	107

FREEWIRE

FW10	FreeWire Digital Transceiver Becomes Transmitter or Receiver. Includes sync cord, mounting kit, batteries and instruction manual	Retail 295
FW11	Uni-Mod universal connector module with hot shoe and female household connector use with standard household to PC sync cord	71

FREEWIRE WIRELESS TTL ADAPTERS

Model	Description	Retail
FW52	wireless TTL adapter for Nikon	112
FW53N	wireless TTL adapter for Canon	112
FW57	wireless TTL adapter for Pentax	112
FW59	wireless TTL adapter for Hasselblad	112
FW60	wireless TTL adapter for Bronica	112
FW64	wireless TTL adapter for Contax 645	112
FW65	wireless TTL adapter for Mamiya 645AF	112

See also QTTL Adapters for T2D and X2D Qflash

FREEWIRE CABLES - MISC

XDC2	external power connection from Bantam or QB1c to FreeWire	37
MDC2	external power connection from QB1, 1+, or QB1c to FreeWire	37
FW26	Multi Clip - enables FreeWire to be clipped to your belt or accessory bracket	11
FW29	ac external adapter, US & Canada, 115 vac	36
FW33	Y connector for FreeWire TX to connect a TTL adapter plus a local Qflash and FW31 cable	62

FREEWIRE AND RADIO SLAVE SYNC CORDS

Model	Description	Compatibility				Retail
		405	505	505i	FW10	
434	1.5ft. (.5m) replacement sync-in cord	yes	no	no	yes	33
435	4ft. (1.2m) coiled sync_in cord	yes	no	no	yes	33
470	special sync-in cord for Hasselblad "C" lens	yes	no	no	yes	39
534	1.5ft. (.5m) coiled sync cord - PC male to household male (twin prong)	no	yes	yes	yes*	34
535	coiled sync cord, 5ft. (1.5m) for 505S/Si - PC male to household male (twin prong)	no	yes	yes	yes*	36
536	1.5ft. (.5m) coiled sync cord - PC male to household male (twin prong with center pin) - for 505S/Si s/n E888 & above	no	yes	yes	yes*	34
537	5ft. (1.5m) coiled sync cord - PC male to household male (twin prong with center pin) for 505S/Si s/n E888 & above	no	yes	yes	yes*	36
539	12 inch (.3m) straight replacement sync cord - PC male to household male (twin prong with center pin) - for 505S/Si s/n E888 & above	no	yes	yes	yes*	34
540	sync-out cord- Qflash sync household to household	no	yes	yes	yes [@]	34
541	sync-out cord- Qflash sync household to mini phono	yes	no	no	yes [@]	34
570	special sync cord for Hasselblad "C" lens	no	yes	yes	yes*	39

FREEWIRE AND RADIO SLAVE SYNC CORDS (con't)

Model	Description	Compatibility				Retail
		405	505	505i	FW10	
QF53	hot shoe sync adapter. syncs 505S via hot shoe of camera	no	yes	yes	yes*	62
FW20	sync-in cord 18" (.5m), PC male to FreeWire accessory connector	no	no	no	yes	39
FW21	hot shoe sync 18" (.5m), hot shoe to FreeWire accessory connector	no	no	no	yes	48
FW22	hot shoe sync 18" (.5m), hot shoe to FreeWire sync-in	no	no	no	yes	62
FW31	ext cable 18" (.5m), FreeWire accy connector to Qflash or Uni-mod accy connector	no	no	no	yes	39

* Requires optional FW11 Uni-Mod
 @ For sync-out requires optional FW11 Uni-Mod

FREEWIRE AND RADIO SLAVE MOTOR DRIVE CORDS

Model	Description	Compatibility				Retail
		405	505	505i	FW10	
451	Nikon MD2/4/12/15, 8008, 8008s, F4S, [N90, N90S, F5 (needs Nikon adapter MC25)]	yes	yes	yes	yes	68
452	Hasselblad ELM, ELX	yes	yes	yes	yes	68
453	Canon, Olympus, Bronica SQAM, ETR Motor Drive	yes	yes	yes	yes	68
454	Mamiya RZ67, RZ67 II, 645 Super, 645 Pro	yes	yes	yes	yes	115
456	Leica R3, R5, R6, R6-2, R7, RE	yes	yes	yes	yes	115
458	Minolta 5000, 7000, 9000, 5000i, 7000i, 8000i, 5Xi, 7Xi, 9Xi, 700si, Maxxum - 7,9	yes	yes	yes	yes	115
459	Canon EOS A5, A2E, A2, 1, 1N, 620, T90	yes	yes	yes	yes	115
463	Bronica SQA1	yes	yes	yes	yes	68
464	Rollei 6008, 6006, 6003, 6002, SLX	yes	yes	yes	yes	68
465	Hasselblad 503CW /CXI Motor Drive Cord	yes	yes	yes	yes	50
466	Canon EOS-3, 1V, D30, D60, 10D, 1D, 1Ds	yes	yes	yes	yes	115
467	Mamiya 645AF	yes	yes	yes	yes	84

FREEWIRE AND RADIO SLAVE MOTOR DRIVE CORDS - CONTINUED

Model	Description	Compatibility				Retail
		405	505	505i	FW10	
FW41	two step MD cord for Contax 645, Canon Elan 2, 2E, 7, 7E, Rebel 2000, XI Lite, Hasselblad H1	no	no	no	yes	42
FW42	two step MD cord for Maxxum 7, 9	no	no	no	yes	115
FW43	two step MD cord for Canon 1v, 3, D2000, D30, D60, 10D, 1D, 1Ds	no	no	no	yes	99
FW44	two step MD cord for Nikon D1, D1H, D1X, F5, N90/s, F90x, F100 / Kodak DCS 760	no	no	no	yes	87
FW45	two step MD cord for Mamiya 645AF	no	no	no	yes	87
FW46	two step MD cord for Canon EOS 1, A2, A2E, AS, 1N, 620, T90	no	no	no	yes	87
FW47	two step MD cord for Pentax 645N & All Autofocus SLR Cameras except Z-1p	no	no	no	yes	87

MISCELLANEOUS ACCESSORIES FOR FREEWIRE AND RADIO SLAVE

Model	Description	Compatibility				Retail
		405	505	505i	FW10	
415	AC adapter / charger for 505R or 405R, 115 VAC	yes	yes	no	no	37
438	replacement belt clip for 405T transmitter	yes	no	no	no	11
511	replacement belt clip for 505S sender	no	yes	no	no	14
512	replacement dead shoe mounting kit for mounting 505Si to bracket or tripod	no	no	yes	no	9
513	Adjustable Pole Mount Adapter for Radio Slave 2, 4, 4i, FW	yes	yes	yes	yes	23
515	AC adapter (US) for 505Ri	no	no	yes	no	37
516	AC adapter (220 VAC) for 505Ri	no	no	yes	no	37
538	replacement belt clip for 505Si sender	no	no	yes	no	6

RADIO SLAVE 4i

		Retail
505SRi	Radio Slave 4i Set set includes : 505Si Sender & 505Ri Remote, belt clip, sync cord, mounting kit, instruction manual, less batteries (specify frequency only to match existing set).	406
505Ri	Radio Slave 4i Remote unit includes : shoe / tripod mount adapter, pole mount adapter, velcro, instruction manual, less batteries. SPECIFY FREQUENCY A, B, C, or D	271
505Si	Radio Slave 4i Sender unit includes : sync cord, belt clip, dead shoe with screw (for bracket mounting), velcro, mounting plate. SPECIFY FREQUENCY A, B, C, or D	205

PHOTOMETERS

Model	Description	Retail
PME	PHOTO-METER E digital foot-candle meter	285
PML	PHOTO-METER L digital lux meter	285
PMEX	PHOTO-METER EX digital foot-candle / foot-lambert meter	556
PMLX	PHOTO-METER LX digital lux meter / Candela/M ² (NITS) meter	556

ACCESSORIES FOR PHOTO-METERS

Model	Description	Retail
PM10	rigid fiber optic probe - must be calibrated with meter	112
PM11	illuminance receptor, rotating - must be calibrated with meter	112
PM12	flexible fiber optic probe - must be calibrated with meter	400
PM13	luminance receptor for models PME, PML (must be calibrated to meter)	36
HC2	soft case	50

CUSTOM MODULES FOR BANTAM

Part #	Flash	Model & Instructions	Retail
MSPL 1	Olympus	L-30	48
MSPL 2	Pentax	AF 330FTZ	48
MSPL 3	Pentax	AF 400FTZ	48
MSPL 25	Vivitar	850AFC	48

CUSTOM MODULES FOR QB1 / 1+ / 1c

MSPL 4	Braun	370 BVC (need flash)	84
MSPL 5	Olympus	L-30	77
MSPL 6	Pentax	AF 400FTZ	77
MSPL 7	Phillips	536 TCL (custom MD)	84
MSPL 8	Sunpak	AP52 (need battery holder)	69
MSPL 9	Vivitar	292 (need NC2 holder)	69
MSPL 24	Vivitar	850AFC	84

CUSTOM MODULES FOR QB2

MSPL 10	Braun	400M Logic (need battery holder & door)	69
MSPL 11	Canon	533G Speedlite (need battery holder & cap)	69
MSPL 12	Evablitz	DM 40GA	84
MSPL 13	Hanimex	TZ 36 (need flash)	84
MSPL 14	Konica	X 36 (need battery holder)	69
MSPL 15	Minolta	CG 1000 (need battery holder & door)	69
MSPL 16	Minolta	Auto Elect 450 (need battery holder)	69
MSPL 17	Replaced with module MN2 (see chart)		
MSPL 18	Replaced with module MN2 (see chart)		
MSPL 19	Starblitz	Pro 5000 GTZ Twin (need flash)	84
MSPL 20	Vivitar	3900 Auto Thyristor	84

CUSTOM MODULES FOR QB4

MSPL 21	Mamiya	MZ 36R (need battery holder & door)	69
---------	--------	---------------------------------------	----

CUSTOM MODULES FOR TURBO

MSPL 22	Ascor	1600	47
MSPL 23	Contax	540 (need Contax cable, flash, & Turbo)	47

REPAIRS WITH PRICING

Description of Repair	Retail	Description of Repair	Retail
Replace Bantam Battery Pack	47	Replace Turbo / Turbo Z Battery	76
Repair Bantam Circuit Board	42	Replace Turbo / Turbo Z Case	52
Repair Bantam Module	21	Repair Turbo / Turbo Z Circuit Board	72
		Repair Turbo Cable	29
Replace QB1 / QB1+ Battery Pack	62		
Replace QB2 Battery Pack	76	Upgrade QFT / X to QFT2 / X2	123
Replace QB Case	42	Upgrade QFT2 / X2 to QFT2D / X2D	129
Repair QB Circuit Board	52		
Repair QB Module	26	Change Frequency of RS4 / 4i	72
	22	Repair RS4 / 4i Circuit Board	72
		Replace RS4 / 4i Antenna	26
Repair Meter Circuit	85	Photometer Calibration to N.I.S.T.	68

Quantum Instruments Inc.

1075 Stewart Ave., Garden City, NY 11530 Tel: (516) 222-6000 Fax: (516) 222-0569

[STUDENT/EDUCATOR PURCHASE PROGRAM]

Application Form

This "QSEPP" program is available to all full-time photography students and educators of universities, colleges, and community colleges. We realize that the transition from student to professional photographer is difficult and we would like to do our part to ease your photographic equipment costs.

The cost in this program for any Quantum product is 40% below Quantum's current listed retail prices. That is less than dealer cost. To participate in this program fill out the application below and supply all the requested information.

No other promotions or discounts apply. This offer may not be combined with any other offer. Payment may be made by any method accepted by the authorized Quantum dealer. Quantum Instruments Inc. reserves the right to approve or decline the Application to purchase. Offer valid within the USA only. Prices are subject to change. A \$10 shipping/handling charge will be added to orders under \$500.

For detailed product information, dealer locations, etc. please visit www.qtm.com.

Dealer Name

Dealer Address

City

State

Zip

Phone

I hereby certify that I am a full-time photography student or educator.

The purchase to be made is for my own personal use:

Your Name

Student

Educator

Address

City

State

Zip

Phone

Email

School Name

City

State

Attach a copy of your valid school I.D. Your order cannot be processed until Quantum phones the number above to confirm your order. Best time to call: _____.

Educators' Certification: The student applying is enrolled in my course:

Course Name

Educator's name

Phone

Educator's signature

Attach copy of educator's valid school I.D.

Dealer: Attach your written order and fax to 1-800-QUANTUM. You may photo copy this form.