Quanser Consulting
ADVANCED TEACHING SYSTEMS

INDIVIDUAL COMPONENT PRICE LIST

THE PRICES HERE ARE FOR ITEMS PURCHASED **INDIVIDUALLY**.
SPECIAL PRICES ARE OFFERED TO EDUCATIONAL INSTITUTIONS.
PLEASE SEE THE EDUCATIONAL INSTITUTION PRICE LIST FOR POPULAR COMBINATIONS.

Model	Description	Reg. Price	Edu. Price
	ROTARY MOTION MODULES		
SRV02	Standard rotary servo plant - potentiometer	2350	1880
SRV02-E	Standard rotary servo plant - quadrature optical encoder and potentiometer	2600	2080
SRV03	Direct drive rotary servo plant - slipring for two encoders	3330	2664
BB01	Ball and Beam module - analog sensor	2140	1712
SS01	Remote ball sensor module (not sold seperately. Sold only with BB01)	750	600
ROTFLEX	Rotary flexible joint module - potentiometer	1500	1200
ROTFLEX-E	Rotary flexible joint module - quadrature optical encoder	1750	1400
ROTPEN	Rotary inverted pendulum module - potentiometer	1000	800
ROTPEN-SE	Rotary inverted pendulum - quadrature optical encoder - self erecting	1250	1000
FLEXGAGE	**replaces FLEXCAM** Rotary flexible link module - strain gage sensor	1500	1200
GYRO	Gyro / Stable platform module - potentiometer	2000	1600
GYRO-E	Gyro / Stable platform module - quadrature optical encoder	2250	1800
DBPEN	Double Inverted Pendulum module - quadrature optical encoder	1500	1200
2DROBOT	2 DOF Robot module	1500	1200
2DGANTRY	2 DOF Gantry joint - 2 DOF Inverted pendulum - potentiometers	2200	1760
PLANAR IP	Planar self erecting inverted pendulum - encoder - for SRV-03 only	1500	1200
TORSION	Instrumented rotary load - Flexible torsion joint, quadrature optical encoder - SRV03 only	1700	1360
	LINEAR MOTION MODULES		
IP01	Inverted pendulum cart and track - potentiometers	4550	3640
IP02	Self erecting inverted pendulum cart and track - quadrature optical encoders	5050	4040
SEESAW	Seesaw module - potentiometer	2000	1600
SEESAW-E	Seesaw module - quadrature optical encoder	2250	1800
SP01	Seesaw / Pendulum Coupling module	850	680
LFJC	Linear flexible joint - potentiometer	1500	1200
LFJC-E	Linear flexible joint - quadrature optical encoder	1750	1400
FLEXPEN	Flexible inverted pendulum	2750	2200
DBPEN	Double inverted pendulum module - quadrature optical encoder	1500	1200
LFJC-PEN	Linear flexible joint with pendulum joint- potentiometers (includes LFJC)	2200	1760
LFJC-PEN-E	Linear flexible joint with pendulum joint- quadrature optical encoders (includes LFJC)	2700	2160
AMD01	Active mass damper - one floor - includes one ***ACCEL*** module	1200	960
ACCEL	Accelerometer module - analog sensor	300	240

Quanser Consulting Inc., 102 George Street, Hamilton, Ontario, Canada L8P 1E2
Tel +1 905 527 5208 Fax +1 905 570 1906 e-mail: info@quanser.com

Quanser Consulting
ADVANCED TEACHING SYSTEMS

INDIVIDUAL COMPONENT PRICE LIST

THE PRICES HERE ARE FOR ITEMS PURCHASED **INDIVIDUALLY**.
SPECIAL PRICES ARE OFFERED TO EDUCATIONAL INSTITUTIONS.
PLEASE SEE THE EDUCATIONAL INSTITUTION PRICE LIST FOR POPULAR COMBINATIONS.

Model	Description	Reg. Price	Edu. Price
	SPECIALTY ITEMS		
3 DOF UFO	3 DOF UFO - 3 Motors - 3 quadrature optical encoders and slipring	11000	8800
3 DOF Helicopter	3 DOF Helicopter - 3 quadrature optical encoders and slipring	11000	8800
2 DOF Helicopter	2 DOF Helicopter - 2 quadrature optical encoders and slipring	8250	6600
COUPLED TANKS	Control the water level in multiple coupled tank systems	3125	2500
MAGLEV	Levitates a 1" solid steel ball using an electromagnet	2500	2000
High-g AMD	Active mass damper - quadrature optical encoder	3300	2640
SHAKER	Shaker table - encoder - includes one ***ACCEL*** module	3000	2400
HIWIRE	Hire Wire Walker	3100	2480
SFLE	Large single flexible link system with digital camera - *Complete system*	22000	17600
3 DOF Robot	CADV-1 3 DOF Robot with Power Amplifiers	16000	12800
Nonlinear Smart Structure	Flexible Link with strain gage and tip-mounted eccentric load	5500	4400
	ACCESSORIES		
UPM1503	Linear power amplifier - 15 volts - 3 Ampere	1200	960
UPM2405	Linear power amplifier - 24 volts - 5 Ampere	1500	1200
UPM1503 x 2	Linear power amplifier - 15 volts - 3 Ampere - Dual output	2400	1920
UPM2415-PWM	Pulse width modulated power amplifier - 24 volts - 15 Amp. continuous output	3100	2480
MultiQ3-0E	MultiQ board. Basic unit - no encoder inputs - (0E option) - expandable to 8E	2000	1400
Extra Encoder Chips	2 quadrature encoder channels per chip for MultiQ. First chip - $200, Second - $150, Third - $125, Fourth and additional chips:$100 each	250	See Description
WinCon	Realtime control software for Windows 95/98 **Multiple User Licences available**	995	995 alone 550 with MultiQ
WinCon for NT	Realtime control software for Windows NT **Multiple User Licences available**	1195	1195 alone 750 with MultiQ
WinCon Pro	Realtime control software and development environment	1995	1995
	UPGRADES		
IP01 to IP02	Upgrade Kit to encoders for 2 new experiments	500	400
LFJC to LFJC-E	Upgrade Kit to encoder	250	200
LFJC-PEN to LFJC-PEN-E	Upgrade Kit to 2 encoders	500	400
SEESAW to SEESAW-E	Upgrade Kit to encoder	250	200
SRV02 to SRV02-E	Upgrade Kit to encoder	250	200
ROTFLEX to ROTFLEX-E	Upgrade Kit to encoder	250	200
ROTPEN to ROTPEN-SE	Upgrade Kit to encoder	300	240
GYRO to GYRO-E	Upgrade Kit to encoder	250	200

Quanser Consulting Inc., 102 George Street, Hamilton, Ontario, Canada L8P 1E2
Tel +1 905 527 5208 Fax +1 905 570 1906 e-mail: info@quanser.com