Educational Electronics

Schools Price List

Innovative Science Teaching Equipment

1st January 1989

PRODUCT NUMBER	VELA AND ACCESSORIES	
1000	**Vela –Versatile Laboratory Instrument**	255.00
	(including power supply)	
	Vela Software Extensions	
1010	Vela Analysis Software BBC: 40 track disc – Version III	30.00
1011	Vela Analysis Software BBC: 40 track disc – Upgrade Version II to Version III	10.00
1012	Vela Analysis Software Apple (needs our Apple User Port and Cable)	30.00
1015	Vela Analysis Software IBM^{TM} (needs our IBM^{TM} User Port)	30.00
1013	Fast Fourier Transform ROM and Disc (40 track) for BBC B Computer	180.00
1014	Statistical Analysis Disc (40 track) for BBC B Computer	95.00
	Vela Eprom Extensions	
1020	Utilities ROM (ISL 2) for Mark II Vela	35.00
1023	Utilities Rom (ISL 2*) for Mark I Vela	35.00
1021	Electronics Teaching and Graphics ROM (ISL 3) for Mark II Vela	35.00
1024	Electronics Teaching and Graphics ROM (ISL 3*) for Mark I Vela	35.00
1022	Physics ROM (ISL 4) for Mark II Vela	35.00
1025	Physics ROM (ISL 4*) for Mark I Vela (ROM Extension	35.00
	Board 1032 to be fitted if used with 1024)	
2015	SAM to Vela EPROM Mark II only (ROM Extension	10.00
	Board 1032 to be fitted if used with 1020)	
	Vela Hardware Extensions	
1030	Vela Buffer Board	40.00
1031	Vela Logic Tutor Board	65.00
1032	Vela ROM Extension Board	12.00
1035	Light Gate	20.00
	Vela Connecting Cables	
1040	Vela to BBC	24.00
1041	Vela to RML 380/480Z	24.00
1042	Vela to PET/Commodore 64	24.00
1043	Vela to Centronics Printer (requires the Electronics ROM ISL 3)	24.00
1044	Vela to Apple (needs our Apple User Port)	24.00
1045	Vela to IBM^{TM} Cable	15.00
4000	Apple User Port	30.00
4001	IBM^{TM} User Port	60.00
	LITERATURE, BOOKS AND VIDEO	
4010	**Vela Software Reference Manual**	10.00
	(previously called Vela Application Manual)	
4011	**Experimental Notes for the Physics Eprom ISL4**	20.00
4012	**Vela Microsystems Through Control**	7.50
4013	**Vela in Biology**	5.00
4014	**Vela in Physics**	5.00
4015	**Vela in Chemistry**	5.00
4016	**Vela Video's No 1, 2, 3, in one tape**	35.00

PRODUCT NUMBER	**SENSORS**	
2000	**SAM 1 – Sensor Adaptor Module** including BBC software	35.00
	General purpose adaptor accepts 1 Sensor	
2005	SAM 1 to BBC: connecting cable (Allows up to four	15.00
	SAM 1's to be connected)	
2015	SAM 1 to Vela Eprom (Mark II's only)	10.00
2100	**SAM 4 – Sensor Adaptor Module exclusively for Vela (Accepts 4**	85.00
	Sensors) including power supply for base unit, linker cable for power	
	from base unit to VELA, and EPROM 2015	
2210	**Temperature Sensor:** (including probe) −50°C to +150°C and ±10°C relative	49.00
2211	**Temperature Sensor:** (including probe) 0 to 50°C and ±2.5°C relative	49.00
2212	**Temperature Sensor:** −100°C to 750°C and ±100°C relative	58.00
2213	**K type thermocouple** contact probe to suit 2212	20.00
2214	**4 Channel Thermistor Module** including probes	78.00
2220	**Light Sensor:** (including probe) logarithmic response	44.00
2222	**Voltage Sensor:** ±25v, ±2.5v – for use with SAM 1	16.00
	DC Current Sensors:	
2230	±10 A	25.00
2231	±1A	25.00
2240	**Magnetic Field Sensor:** (including probe) ±25 mT and ±2.5 mT relative	54.00
2250	**pH Sensor:** 0.7 to 13.3 pH, temperature compensated, BNC connector to pH probe	38.00
2251	**pH Probe:** to suit 2250 (as per RS No. 424-557)	38.00
2260	**Pressure Sensor:** (including solid state transducer)	68.00
	0-2000 mBar and ±100 mBar relative	
2270	**Position Sensor:** (including transducer) linear motion converted	65.00
	to mechanical rotation ±25° and ±2.5° relative	
2280	**Strain Gauge Sensor:** accepts inputs from RS Components strain	105.00
	gauges and provides power output to drive bridges	
2290	**Oxygen Sensor:** 0−100% dissolved oxygen in water, BNC connector to probe	42.00
2291	**Oxygen Probe:** to suit 2290	60.00
2310	**Variable Gain and Offset Amplifier:** (Instrumentation amplifier)	66.00
	Gain × 1 to × 100; Offset ± 5v	

PHYSIOLOGY

9000	**Pulse Unit:** complete with finger/ear lobe sensor	79.00
	software and teacher's manual for BBC microcomputers	
9010	**Class set of 4 workcards:** on pulse (15 of each supplied) and copyright	20.00
	free worksheets	
9100	**Two Channel Thermometer:** complete with two thermistor probes,	75.00
	software for BBC microcomputer and teacher's manual.	

MOTION SENSOR

9200	**Motion Sensor:** complete with software for BBC and operating instructions	60.00
9210	**Teacher's Notes:** and curriculum material prepared by MESU	T.B.A.

PRODUCT NUMBER	INTRO	

3350 INTRO Microelectronics Course – package containing a
board and tutorial guide – 1 off .... 45.00 each
board and tutorial guide – 10 off .... 39.95 each

3500 INTRO Kit of Components – as Appendix D of the book
– 1 off .... 18.50 each
– 10 off .... 17.50 each

3300 INTRO BOARD 40.00

3400 INTRO BOOK 6.00

Z80 MICROTEACHER

3700 Microteacher Z80: complete with a comprehensive instruction manual 130.00

ENVIROMENTAL DATALOGGER

7000 DATABOX inclusive of Manual and Software for IBM™ 420.00

7020 DATABOX inclusive of Manual and Software for RML Nimbus 225.00

PLEASE NOTE:

Pricing:

This price list supercedes all previous lists.

All prices are exclusive of Postage, Packing, Insurance and VAT where applicable.

Educational Electronics reserve the right to change price and specification without prior notice.

TBA: to be advised.

Ordering:

Please quote product numbers when ordering.

Conditions of sale available on request.

Specifications:

Product details available on request.

Power supplies are for 240v 50Hz operation.

All BBC B Software is supplied in 40 track format.

EDUCATIONAL ELECTRONICS LIMITED
28 Lake Street, Leighton Buzzard, Beds LU7 8RX
Telephone: (0525) 373666
Telex: 826717   Fax: (0525) 851638