

LAWSON LABS, INC.
MODEL 135 16-BIT A/D
for PC/XT/AT & Compatibles
SPECIFICATIONS

TYPE:	successive approximation with sample and hold
DIFFERENTIAL INPUT RANGE:	+/- 5 volts DC
COMMON MODE INPUT RANGE:	+/- 6 volts DC
RESOLUTION:	0.153 millivolts (monotonic)
INTEGRAL NONLINEARITY:	0.005% of full scale typical
ACCURACY:	0.03% of full scale typical
INPUT IMPEDANCE:	100,000 megohms typical
CONVERSION TIME:	6 microseconds
THROUGHPUT:	150,000 samples/second
REPRODUCIBILITY:	+/- 4 counts
ANALOG INPUTS:	4 fully differential channels overvoltage protected up to 100 volts transient or 50 volts continuous
DIGITAL INPUT:	single-bit, contact closure or 5 volt logic compatible
DIGITAL OUTPUTS:	4 latched optically isolated lines protected to 200 volts
TYPICAL POWER CONSUMPTION:	+5V 50 milliamps +12V 100 milliamps (after warmup) -12V 65 milliamps
SIZE:	3.9 x 5.2 inches, 0.6 inches max. height (standard half-card size)
INCLUDED SOFTWARE:	DRIVR135 software allows up to 64 channels of data to be acquired at high speed. Features include digital averaging, flexible sequencing and selectable inter- channel delay.
PRICE:	\$565.00 with manual, connector & disk