



## XpertVal Systems -Technical Specifications-

Thermocouple Based Systems		
Model	XpertVal - 20	XpertVal-60
Description	XpertVal System using the Fluke Hydra 2635A DataLogger	XpertVal System using the HP Agilent 34970A Datalogger
# Input Channels	20	20, 40 or 60
Accepts Input Types	Thermocouples (T,J,K), RTD, 4-20mA, 1-10V	Thermocouples (T,J,K), RTD, 4-20mA, 1-10V
System Accuracy	+/- 0.2 C with calibrated thermocouples	+/- 0.2 C with calibrated thermocouples
Power Supply	110VAC/220VAC	110VAC/220VAC
Sampling Rate	10 second scan for 20 channels	10 second scan for 60 channels
Memory	PCMCIA Card, 2MB	50,000 data points
Communication Port	RS-232	RS-232
Weight	3.0 kg ( 6.5 Lbs.)	3.6kg ( 8.0 Lbs.)
Height	93 mm ( 3.6 in.)	104 mm (4.1 in.)
Length	312 mm ( 12.3 in.)	374 mm (14.7 in.)
Width	216 mm ( 8.5 in.)	254 mm (10.0 in.)
Logger's Operating Temperature Range	0C to 60C	0C to 55C
Safety Certification	IEC 1010-1, ANSI/ISA S82.01-1994, CSA-C22.2 No.1010.1-92, and EN61010-1:1993. Complies with EN 50081-1, EN 50082-1, Vfg. 243/1991 and FCC-15B at the Class B level, when shielded cables are used.	IEC 61010-1:2001 / EN 61010-1:2001 Canada: CSA C22.2 No. 61010.1:2004 UL 61010-1:2004
Calibration	COFRAC / NIST traceable	COFRAC / NIST traceable
Warranty	One Year	One Year