

PART NUMBER

SPEC-1957

TEMPERATURE (5 1/2 DIGITS)		RESOLUTION	4-WIRE ACCURACY <sup>1</sup> ± (%rdg + counts) 1 YR., 18°-28° C	TEMPERATURE COEFFICIENT ± (%rdg + counts)/°C 0°-18° C & 28°-50° C
SPAN				
°C				
-200.00° to 230.00°	0.01°	0.01°	0.03 + 10	0.003 + 0.4
230.00° to 630.00°	0.01°	0.01°	0.03 + 40	0.003 + 4
-220.00° to -200.00°	0.01°	0.01°	0.03 + 40	0.003 + 4
°F				
-328.00° to 446.00°	0.01°	0.01°	0.03 + 18	0.003 + 0.7
446.00° to 1100.00°	0.01°	0.01°	0.03 + 72	0.003 + 7
-360.00° to -328.00°	0.01°	0.01°	0.03 + 72	0.003 + 7

<sup>1</sup>Autorange mode, excluding probe errors.

RTD TYPE: 100Ω platinum, DIN 43 760 or IPTS-68, programmable alpha and delta, 3- or 4-wire.

MAXIMUM LEAD RESISTANCE (each lead): 4-wire: 25Ω. 3-wire: 15Ω.  
 SENSOR CURRENT: 1mA rms maximum.  
 BENCH READING RATE: 1.2 readings/second.  
 MAXIMUM COMMON MODE VOLTAGE: 500V (42V with Model 1951 connected).  
 COMMON MODE REJECTION: Less than 0.005°C/volt at DC, 50Hz and 60Hz (100Ω unbalance, LO driven).  
 MAXIMUM ALLOWABLE INPUT: 360V peak, 250V rms.  
 ACCESSORIES SUPPLIED: Model 1951 Input Adapter, Model 8693 General Purpose/Immersion Probe (4-wire).  
 ACCESSORIES AVAILABLE:  
 Model 1951: Input Adapter  
 Model 8691: Connector Kit (enables connecting to 3- or 4-wire RTDs)  
 Model 8693: General Purpose/Immersion Probe (4-wire)  
 Model 8695: Surface Probe (4-wire)  
 Model 8696: Air/Gas Probe (4-wire)

NOTE:

ALL OTHER SPECIFICATIONS SAME AS MODEL 195. (SEE SPEC-195).

LTR	REVISIONS	APP.	DATE	DRN. WZ	DATE
A	RELEASED 9066	3	3-1-83	CKD. R.B	DATE 3-1-83
				APP.	DATE

**KEITHLEY** Keithley Instruments Inc.  
Cleveland, Ohio 44139

SPECIFICATIONS

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