




Specification Comparisons Among CA100, CA150 and CA71

Model		CA100 (see Note)		CA150		CA71	Remarks
Front Face							
Source Unit	DCV	※1 100mV/1V/10V	<	※1 100mV/1V/10V/30V	>	100mV/1V/10V/30V	※1 Better resolution by one more digit for CA100, CA150.
	DCA	22mA	=	22mA	=	24mA	Superior to CA100.
	SINK	22mA	=	22mA	=	24mA	Superior to CA71.
	Temp (TC)	K,E,J,T,N,R,B	<	K,E,J,T,N,L,U,R,S,B	=	K,E,J,T,N,L,U,R,S,B	
	Temp (RTD)	Pt100, JPt100	=	Pt100, JPt100	=	Pt100, JPt100	
	Resistance	500/5k/50kΩ	=	500/5k/50kΩ	>	400Ω	
	Frequency·Pulse	100/1k/10k/50kHz	=	100/1k/10k/50kHz	>	100/1k/10kHz	
	Pulse	—	<	CPM	>	—	
Measurement Unit	DCV	500mV/5V/35V	=	500mV/5V/35V	<	100mV/1V/10V/100V	
	ACV	—	—	—	<	1V/10V/100V	
	DCA	20/100mA	=	20/100mA	=	20/100mA	
	Temp (TC)	—	<	K,E,J,T,N,L,U,R,S,B	=	K,E,J,T,N,L,U,R,S,B	
	Temp (RTD)	—	<	Pt100, JPt100	=	Pt100, JPt100	
	Resistance	500/5k/50kΩ	=	500/5k/50kΩ	>	400Ω	
	Frequency·Pulse	—	<	100/1k/10kHz	=	100/1k/10kHz	
	Pulse	—	<	CPM,CPH	=	CPM,CPH	
Loop Check	24V load: 22mA ※2	≅	24V load: 22mA ※2	>	—	※2 Measures mA DC signals output while supplying transmitter power at 24V DC.	
Functions	Memory Function	—	<	○ ※3	≧	○ ※3	※3 CA150 is able to preserve the setting as well.
	Linear Sweep	—	<	○	=	○	
	Step Sweep	—	<	○	=	○	
	Program Sweep	—	<	○	>	—	
	Back Light	○	=	○	=	○	
	Loop Power Supply	○ Single terminal	=	○ functions as measuring and supplying	>	—	
	Communications	RS-232	=	RS-232	—	Infra-red Ray	
Power Supply (Accessories)	AA size battery x 8	=	AA size battery x 6 AC,NiMH battery	<	AA size battery x 4 AC		
Dimensions (mm)	237 × 137 × 63	—	121 × 251 × 70	—	192 × 110 × 55		
Weight (including batteries)	1.2 kg	—	1.0 kg	—	0.7 kg		

Note: CA100 was withdrawn and no more available.