

VOLTAGE REGULATOR

SHUNT REGULATOR

REGULATOR TEST SYSTEM FOR 4-TERMINAL 4端子レギュレータテストシステム

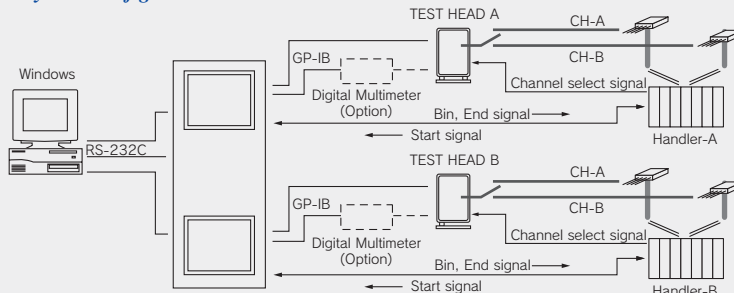
CCR03PE 50V 5A



2-PARALLEL

- CCR03PE is 2 parallel measurement system for voltage regulator and shunt regulator with high accuracy (0.05%).
- CCR03PEは電圧レギュレータ・シャントレギュレータ用の測定システムで、2パラレル仕様となっています。測定精度は0.05%と高精度です。

System Configuration



MODEL	CCR03PE					
VOLTAGE REGULATOR ITEMS	MEASUREMENT RANGE	CONDITION	SETTING RANGE			ACCURACY
Vout	0.0000V~9.9999V	Vin	1.00V~50.0V	Io	000mA~5.00A	±(0.05%+5digits)
	00.000V~50.000V	VCON	0.00V~50.0V			
Vouts (Output off state output voltage)	0.0000V~9.9999V	Vin	1.00V~50.0V	VCON	0.00V~50.0V	±(0.05%+5digits)
	00.000V~50.000V					
Reg-Line	0.0000V~9.9999V	Vin	1.00V~50.0V	Io	000mA~5.00A	±(0.05%+5digits)
	00.000V~30.000V	VCON	0.00V~50.0V			
Reg-Load	0.0000V~9.9999V	Vin	1.00V~50.0V	Io	000mA~5.00A	±(0.05%+5digits)
	00.000V~30.000V	VCON	0.00V~50.0V			
IQ	00.000mA~199.99mA	Vin	1.00V~50.0V	Io	000mA~5.00A	±(0.5%+3digits)
		VCON	0.00V~50.0V			
IQS	00.000mA~199.99mA	Vin	1.00V~50.0V	VCON	0.00V~50.0V	±(0.5%+3digits)
	dlQ/dIQ-Load	00.000mA~19.999mA	Vin	1.00V~50.0V	Io	000mA~5.00A
Vno(rms)	000.00 μV~1.9999mV	Vin	1.00V~50.0V	Io	000mA~5.00A	±(10%+3digits)
		VCON	0.00V~50.0V			
RR(p-p)/RRrms	000.00 μV~19.999mV	Vin	1.00V~50.0V	Io	000mA~5.00A	±(1%+3digits)
		VCON	0.00V~50.0V			
Vd	0.000V~9.999V	Vin	01.0V~50.0V	Io	000mA~5.00A	±(0.5%+3digits)
		VCON	0.00V~50.0V	Vdr	0.00V~9.99V	
ISC	0.000A~5.000A	Vin	1.00V~50.0V	VCON	0.00V~50.0V	±(3%+10mA)
VFIC	0.000V~19.999V	IF	000mA~5.00A			±(0.5%+3digits)
IFIC/IFOC	0.000 μA~19.999mA	VF	1.00V~19.99V			±(0.5%+3digits)
VCONT	0.000V~10.000V	IF	00.00 μA~199.9mA			±(0.5%+3digits)
Vc(ON)/Vc(OFF)	0.000V~10.000V	Vc start	0.00V~9.99V	Vc stop	0.00V~9.99V	±(0.5%+3digits)
		VIN	0.00V~50.0V	VOU	0.00V~50.0V	
Ics	0.000 μA~19.999mA	Vc	0.00V~50.0V	VIN	0.00V~50.0V	±(0.5%+3digits)
Ic	0.000 μA~19.999mA	Vc	0.00V~50.0V	VIN	0.00V~50.0V	±(0.5%+3digits)
		Io	000mA~5.00A			
SHUNT REGULATOR ITEMS						
VREF	0.0000V~9.9999V	Ik	00.01mA~0.500A			±(0.05%+5digits)
ΔVREF	0.0000V~9.9999V	Ik	000.0 μA~0.500A	VkA	0.00V~50.0V	±(0.05%+5digits)
		R1	ACTIVE LOAD	R2	4 Pattern	
IREF	000.00 μA~199.99 μA	Ik	000.0 μA~0.500A	R1	10kΩ Fix	±(0.5%+3digits)
		R2	∞			
Imin	0.0000 μA~1.9999mA	Vk	00.00V~10.00V			±(1%+5nA)
Ioff	0.0000 μA~1.9999mA	Vk	0.00V~50.0V	VREF	=0	±(1%+5nA)
ZkA	000.00mΩ~9.9999Ω	IkDC	00.10mA~0.500A	IkAC	00.10mA~0.500A	±(3%+50 μV)
DIMENSIONS & WEIGHT						
MAIN UNIT			550(W)×860(D)×110(H)…165kg			
HEAD BOX			435(W)×450(D)×245(H)…8kg(1set)			