

Automated Power Supply Tester



Model No.			DCS-ATE-1912-154220		
Model Name			4 + 4 Channel Final ATE		
Controller			Micro Controller ARM		
Input simulated	Voltage Range		60V – 400V		
	Voltage Resolution		±3V AC		
	Frequency		50Hz		
Output Requirement	Voltage	Range	Range 1: 3V – 10V Range 2: 10V – 20V Range 3: 20V – 30V		
		Resolution	R1: 0.01V R2: 0.02V R3: 0.05V		
		Accuracy	R1: ±20mV R2:±30mV R3:±50mV		
	Current	Range	Range 1: 0.1A – 1A Range 2: 1A– 3A Range 3: 3A – 10A		
		Resolution	R1:10mA, R2: 10mA, R3: 200mA		
		Accuracy	R1: ±10mA R2:±100mA R3:±200mA		
Line and Load Regulation			provided		
Ripple and Noise			provided		
High Speed Industrial Communication	RS232 / RS485		✓		
	CANBUS		--		
Software Integration	Front End Application		✓		
	Reports Printing		✓		

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Model Name		4 + 4 Channel Final ATE
Test JIG's Provision		provided
Tests Performed	Full Load Test at Min AC	SW configurable
	Full Load Test at Max AC	SW configurable
	Full Load Test at Nominal AC	SW configurable
	No Load Test at Nominal AC	SW configurable
	Short Circuit Test at Min AC	SW configurable
	Short Circuit Test at Max AC	SW configurable
	AC ON/OFF Test	SW configurable
	I/P AC Over Voltage Cut Off	SW configurable
Protections	Over Power	Enabled
	O/P Over Voltage	Enabled
	AC Over Voltage	Enabled
	AC Under Voltage	Enabled
	Output Over Load	Enabled
	Short Circuit	Enabled
Alarms & Indications	ATE Power ON	✓
	PCB Passed	✓
	PCB Failed	✓
Monitoring & Measurements	O/P DC Voltage	✓
	O/P DC Current	✓
	Status	✓
Additional Requirements	PCB / Adaptor Testing	4 Adaptor's at a time
	Time Duration	Within 30 seconds
	Provision for new model configuration	✓
	Serial No Allocation	✓
	System Backup	✓
	Locking Facility	✓
	Hardware	✓
	Reports Printing	✓
Common Applications		Adaptors Testing