

EECS306C D-TAC™ ELITE

MEASUREMENTS	Range	Resolution	Accuracy	Overload Protection
VDC	0-36V	0.01V	0.05% +2	120 Vrms
VAC- DMM	0-24 VACrms	.01 Vac	0.1% +3	120 Vrms
Adc	0-70 A	0.01A	+ - 3% of reading +- 1A	1000A rms
Adc	0-700 A	0.1A	+ - 3% of reading +- 1A	1000A rms
Aac	0-70 A	0.01A	+ - 3% of reading +- 1A	1000A rms
Aac	0-700 A	0.1A	+ - 3% of reading +- 1A	1000A rms
Ohm	10 Ohms-2 Meg ohms	1 ohm	2.0% +4	120Vrms
Continuity	< 10 Ohms	1 Ohm	2.0% +4	120Vrms
Diode	0-1.5V	0.01 V	0.05% +2	120 Vrms
Temperature	0C - 150C	1deg F	1.0% +5	na
REPORTS				
View	View, print, upload last test & last 10 tests w/time stamp. View cable drop test.	Test Totals	Monthly, Previous Month, Tester Totals	
Outputs	Output test results to computer via any USB Thumb Drive	Languages	English, French, Spanish, German, Dutch, Italian.	
Set-up Functions	Shop info - Name, address, technician date, time. Customized printer output lines.			
BATTERY TEST				
Battery Voltage	12 & 6 Volt. Tests discharge battery down to 1V	Measured Data	CCA, Voltage, Temperature, % Capacity	
CCA Range & Chemistry	100-2000 CCA. Flooded, AGM, AGM Spiral, Gel.	Battery Systems	CCA, SAE, DIN, EN, IEC, JIS, CA, MCA.	
Heavy Duty	Multiple 1-6 Battery Pack Testing			
Battery Type	Automotive, Motorcycle, AGM, Sport, Marine, Group 31, 8D and 4D, Series batteries, battery balance			
Results	Good Battery, Good Recharge, Charge & Retest, Replace, Bad Cell Replace, Test at battery post, Frozen Battery, State of Health Graph, % Rated Capacity on replace.			
COMPLETE SYSTEM TEST				
Tests	Circuit voltage drop test, Battery ground, Starter circuit, alternator circuit.	Systems	Battery Starting & Charging	
Accessory	Requires optional Amp clamp to obtain current readings: EECS306C-2	Voltage	12 or 24 volt systems	
STARTER TEST				
Inputs	Cranking Volts & Amps, Maximum & Average Cranking Amps, Min Crank Voltage & Cranking time			
Outputs	Cranking Normal, Low Voltage, Charge Battery, Replace Battery, No Start, Cranking Skipped, Results Graph, Explanation Text			
CHARGING SYSTEM TEST				
Inputs	AC Ripple scope pattern Digital signal processing analysis	Inputs	Peak Current	
	Charging Voltage Loaded/no load & Revved/Idle		Peak to peak ripple	
	Charging Amps Loaded/no load & Revved/Idle		AC ripple measurement	
Outputs	No Problem, No Output, Low Output, High Output, Excessive Ripple, Open Phase, Open Diode, Shorted Diode			
DIGITAL MULTIMETER				
Measurements	Oscilloscope, Ohmmeter, Diode Test, AC & DC Amps Mode, AC & DC Volts Mode, Temperature via built in IR and optional probes			
	Requires optional amp clamp EECS306C-2 and DMM probes EECS306C-4			