



SE-844U Static Stress-strain Testing and Analysis System

	DESCRIPTION	FEATURES	SPECIFICATIONS		SYSTEM CONFIGURATION	SOFTWARE	MODULES / ACCESSORIES	
	It is a LCD static strain tester specially designed	d \emptyset It can realize multi-channel parallel acquisition an	d Number of Input Channel	8channels/16 channels/24channels(Three	Connection with Sensor:	DE-BSP Basic platform software:	SE-844U DAQ Unit	
 American of the second s	for laboratory. Each hardware includes 8, 16 or 24	high-speed and long-time continuous sampling. Ø One computer can control multiple acquisition	Full-scale Voltage Value	±30mV, 0 ~ 2V switching		Ø Running on XP/Win7/Win8/Win10 operating system.	The continuous sampling rate of all channels is 5Hz; Built-in HD LCD color screen.	
 Martin Martin Mar	measurement channels.	instruments for sampling, which can meet the needs	Strain Measurement			Ø Parameters setting, Function control, Real-	Display test results and set channel parameters;	2000000
 Martin S. Martin S. Mar	Each measuring channel can measure force,	of multi-channel and high-precision measurement.	Full-scale Strain Value	+600000	Strain Gage	time/post-acquisition analysis, data browsing,	The computer controls an unlimited number of instruments	
And the state of the state	When measuring, the functions of sampling	through Ethernet, carries out parameter setting	Min. Desclution			management and simple processing, report	Each of the four channels is used at 200Hz	
	control and data analysis are realized by LCD	(range, sensor sensitivity, etc.), clearing, sampling,		0.1με		generation, long-term continuous data	SE-84411 Battery module(Ontional):	
$ \int_{\mathbb{R}^{2}} \int_$	The system can be widely used in the static	transmits the sampling data in real time.	Indication Error	≤0.5%±3με			Optional lithium battery power supply module	
	structural performance test of universities,	Ø It can cooperate with various bridge sensors to	Noise	≤0.5μεRMS		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Work continuously for at least 6 hours after full charge	
A subset of the descent strength of the descent st	testing sites and product development process.	and other physical quantities.	Zero Drift	≤2με/4h		SECONDE STREAM		
Barbon Barbo		ØAny measuring point can be set as compensation	Self-Balancing Range	$\pm 30000 \mu\epsilon$ ($\pm 2\%$ of strain gauge resistance)				
Since and a statused and a statused in the status in the statu		can be used for compensation.	Strain Gauge Sensitivity Coefficier	1.0 ~ 3.0 (Auto. calibrating)	SE-884U			
f = f = f = f = f = f = f = f = f = f		ØAccording to the output sensitivity of the sensor,	Bridge Excitation					
h of norden of		is normalized and displayed directly. Ø According to the output sensitivity of the sensor,	Bridge Configuration	Full, half, three-wire quarter bridge, public compensation quarter bridge	Load Sensor			
index values index values index values index values v.U. entrol Ledues in status 0.00 key trades in dex values index values v.U. entrol Ledues in status 0.00 key trades index values v.U. entrol Ledues in status 0.00 key trades index values v.U. entrol Ledues in status 0.00 key trades index values v.U. entrol Ledues in status 0.00 key trades index values v.U. entrol Ledues in status 0.00 key trades index values v.U. entrol Ledues in status 0.00 key trades index values v.U. entrol Ledues in status 0.00 key trades index values v.U. entrol Ledues in status 0.00 key trades index values v.U. entrol Ledues in status 0.00 key trades index values v.U. entrol Ledues in status 0.00 key trades index values v.U. entrol Ledues in status v status index values v.U. entrol Ledues in status v status index values v.U. entrol Ledues in status v status index values v.U. entrol Ledues in status v status index values v status v status in		the unit dimension of the measured physical quantity is normalized and displayed directly; Ø DC power supply can be used and lithium batter.	Bridge Completion Resistors	120Ω, 350Ω (Three-wire quarter bridge) 60Ω~20000Ω (Half bridge / Full bridge)				
ALD both Micheles, server table is full media Oxfore registration (Micro) 02 Micro) Micro) ALD both Microles, server table is full media 0.5.0% 02.0% Micro) Micro) Bottley 0.5.0% 02.0% 02.0% Micro) Micro) ALD both Micro) 01.0% 02.0% Micro) Micro) Micro) ALD both Micro) 01.0% 02.0% Micro) Micro) Micro) ALD both Micro) 01.0% 02.0% Micro) Micro) Micro) Both Micro) 01.0% 02.0% Micro) Micro) Micro) Micro) Both Micro) 01.0% 02.0% Micro) Mi		power supply module can also be selected.	Bridge Voltage		Figure 1 Single System Block Diagram (With Sensor)			
ActureConstructionBubbyCONSTructionMonimum opportuneCONSTructionMonimum opportuneCONSTructionMonimum opportuneCONSTructionAD ConverteCONSTructionAD ConverteCONSTructionMonimum opportuneCONSTructionMonimum opportuneCONSTruction<		>LCD control function, screen size is 7.0 inches.	Output voltage range (DC)	2V	Ethernet communication:			
LaceSouth purture.Note purture.Note purture.Note purture.Note purture.Restance concentrom op0.100Note purture.Note purture.Note for fullyNote for fullyNote point fullyNote for fullyNote for fullyNote for fullyNote for fullyNote for			Accuracy	≪0.1%				
Motion couple and Bestiendes overside information Bestiendes overside information 			Stability	\leqslant 0.05% per hour.	Train Gage			
Residues correction correcti			Maximum output current	30mA per channel.	Displacement Sensor Ethernet			
AD Convertie > Ua South Service South Service South Service			Resistance correction range	0~100Ω				
Share 5 comparing face 19:79:00 (40 Par name) Synamic Samping 19:79:00 (40 Par name) Synamic Samping 19:79:00 (40 Par name) Synamic Samping 19:79:00 (40 Par name) Other work Songle Enhance Other work 30:80 (20 Par name) Other work Songle Enhance O			A/D Converter	24 bits				
Datic Samping 11/2, 24, 21/2 pt c unmed Datic Samping 11/2, 24, 21/2 pt c unmed Dynamic Samping 11/2, 24, 21/2 pt c unmed Dynamic Samping 11/2 24, 21/2 pt c unmed Communication 11/2 24, 21/2 pt c unmed <td>Sampling Rate</td> <td></td>			Sampling Rate					
DefinitionOne: 2004: 20			Static Sampling	1Hz, 2Hz, 5Hz per channel	SE-884U			
Communication Ggaba E Bernet Fund Signet S System Block Diagram File Signet System Block Diagram			Dynamic Sampling	10Hz, 20Hz, 50Hz, 100Hz, 200Hz per 4 channels(each module)	Load Sensor			
Working ModeI filte workSubde scare working data bitryse to be condice communication and data bitryse to be scale communication and data bitryse to be the databation mode bit bitryseI meeting ModeSubde scare working data bitryse to be scale communication and data bitryse to be the databation mode bit bitryseI meeting ModeSubde scare working data bitryse to be scale communication and data bitryse to be the databation mode bit bitryseI meeting ModeSubde scare working data bitryseI meeting Mode Scare working data bitryseSubde scare working data bitryseI meeting Mode Scare working data bitryseSubde scare working data bitryseI meeting Mode Scare working data bitryseSubde scare working data bitryseI meeting Mode Scare working data bitryseSubde scare working data bitryseI meeting Mode Scare working data bitryseSubde scare working data bitryseI meeting Mode Scare working data bitryseSubde scare working data bitryseI meeting Mode Scare working data bitryseSubde scare working data bitryseI meeting Mode Scare working data bit			Communication	Gigabit Ethernet	Figure 2 Single System Block Diagram			
Offine workContrast comparison data strange to lead chastes and strange to lead the destes and strange to lead the deste and strange to lead the destes and strange to lead the deste and strange t			Working Mode					
online work moline work Power Suppi A C power input 0 - 30 VOC DC power input 0 - 30 VOC While 12 VUC Dimenations 0 - 50 V-27 - 107 mm Weik 0 - 50 V-27 - 107 mm 0 - 5			Offline work	touch screen operation, data storage to the chassis, and support data recovery				
Power Stuppi 20 V(± 10%) S0 Hz (± 2%) A C power input 10 - 38 VCC Vehicle 12 VDC Vehicle 12 VDC Dimensions 395-225+107mm Vegitier 395-225+107mm Vegitier 395-225+107mm Vegitier 395-225+107mm Operating Temperature 0°C 10 4°C Operating Temperature 0°C 10 4°C Operating Temperature 0°C 10 6°C Storage Temperature 0°C 10 6°C Storage Temperature -40°C 10 6°C Vehicito unititie 60%RH24/h 50°C Vehicito unititie Frequency cycle range: 5Hz ~			Online work	realize communication and data transmission with calculation through Ethernet				
AC power input 200 (10%) 50 Hz (2%) Imput (12%) D c power input (10%) 10.36 VOC D imensions 358-275-107m Winght 4.5kg D imension (10%) 0.50 vOC (10%) Dimension (10%) Dimension (10%) Dimension (10%) 0.50 vOC (10%) Dimension (10%) Dimension (10%) Dimension (10%) 0.50 vOC (10%) Dimension (10%) Dimension (10%) Dimension (10%) Dimensin (10%) Di			Power Supply		SE-884U			
DC power input 10 - 36 VDC Velacle 12 VDC Velacle 12 VDC Dimension 359-275 v107mm Wolght 45 Kg Porenting Temperature 0°C to 40°C Operating Temperature 0°C to 60°C Storage Humidity 90-90%RH24he S0°C Vibration Frequency cycle range: 5Hz - 55Hz -			AC power input	220 V (± 10%) 50 Hz (± 2%)	Strain Gage			
Vehicle 12 VDC Software Dimensions Software Vehicle 12 VDC S			DC power input	10 ~ 36 VDC	Displacement Sensor			
Dimensions 395×275×107mm Sector Veright 4.5kg University Portionstal Conditions University University Operating Temperature 0°C to 40°C University Operating Temperature 0°D ons/RH@40°C University Storage Temperature 40°C to 60°C Storage Feundity Vibration 9%RH24h@60°C Figure 3 Multiple System Block Diagram (Wireless AP) Finder ensature Figure 3 Multiple System Block Diagram (Wireless AP)				Vehicle 12 VDC				
Weight 4.5kg Coperating Temperature 0°C to 4°C Operating Temperature 0°C to 4°C Operating Temperature 0°C to 4°C Storage Temperature 40°C to 6°C Storage Temperature 90%RH24/b 6°C Vibration 90%RH24/b 6°C Vibration 90%RH24/b 6°C Vibration Price amplitude (peak): 0.19m Divie amplitude (peak): 0.19m Figure 3 Multiple System Block Diagram (Wireless AP)			Dimensions	395×275×107mm	SE-884U Switch			
Environmental Conditions Operating Temperature 0°C to 40°C Operating Temperature 0°C to 40°C Operating Temperature Storage Temperature -40°C to 60°C Storage Humidity 90%RH24b@50°C Vibration 90%RH24b@50°C Drive amplitude (peak): 0.19mm Storage Temperature Figure 3 Multiple System Block Diagram (Wireless AP) Vibration of resonant: 10min Vibration direction: x, y, z			Weight	4.5kg	Load Sensor			
Operating Temperature0°C to 40°COperating Humidity20 - 90%RH@40°CStorage Temperature-40°C to 60°CStorage Humidity90%RH24h@50°CVibration90%RH24h@50°CVibrationFrequency: cycle range: SH2 - 55Hz ~ 5Hz Drive amplitude (peak): 0.19mm Sweep frequency: zycle range: SH2 - 55Hz ~ 5Hz Divia ranji direction: x, y, z			Environmental Conditions					
Operating Humidity 20 - 90%RH@40°C Storage Temperature - 40°C to 60°C Storage Humidity 90%RH24h@50°C Vibration 90%RH24h@50°C Vibration Frequency cycle range: 5Hz ~ 5H			Operating Temperature	0°C to 40°C				
Storage Temperature - 40°C to 60°C Storage Humidity 90%RH24h@50°C Vibration Frequency cycle range: 5Hz ~ 55Hz ~ 5Hz ~ 5H			Operating Humidity	20 ~ 90%RH@40°C				
Storage Humidity90%RH24h@50°CVibrationFrequency cycle range: 5Hz ~ 55Hz ~ 5Hz Drive amplitude (peak): 0.19mm Sweep frequency: <10ct./min Duration of resonant: 10min Vibration direction: x, y, zFigure 3 Multiple System Block Diagram (Wireless AP)			Storage Temperature	- 40°C to 60°C				
VibrationFrequency cycle range: 5Hz ~ 5Hz ~ 5HzFigure 3 Multiple System Block Diagram (Wireless AP)Drive amplitude (peak): 0.19mm Sweep frequency: ≤1Oct./min Duration of resonant: 10min Vibration direction: x, y, zFigure 3 Multiple System Block Diagram (Wireless AP)			Storage Humidity	90%RH24h@50°C				
			Vibration	Frequency cycle range: 5Hz ~ 55Hz ~ 5Hz Drive amplitude (peak): 0.19mm Sweep frequency: ≤1Oct./min Duration of resonant: 10min Vibration direction: x, y, z	Figure 3 Multiple System Block Diagram (Wireless AP)			
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