



SALUKI TECHNOLOGY ST1963 Series Digit Multimeter Owner's Manual

[Home](#) » [SALUKI TECHNOLOGY](#) » SALUKI TECHNOLOGY ST1963 Series Digit Multimeter Owner's Manual 

SALUKI TECHNOLOGY ST1963 Series Digit Multimeter Owner's Manual



Contents

- [1 Features](#)
- [2 Application](#)
- [3 Specifications](#)
- [4 Standard Accessories](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)
- [6 Related Posts](#)

Features

- 4.3-inch LCD color display, Chinese and English menu
- 6 1/2 bit 1199999 digits reading
- Test speed up to 1000 / s
- Small size, front and rear input terminal, easy to shelve (ST1963 only)
- Histogram, bar graph, trend chart display
- AC low frequency signal can be tested down to 3Hz
- Capacitance test function
- Up to 5V diode test voltage
- Stores data up to 10,000
- Fast help

Application

- Production line workbench
- Maintenance workbench
- Teaching laboratory
- Automated test equipment

Specifications

Model	ST1963		ST1963A		
Display	4.3-inch LCD color display				
Display digits	1199999 digits reading				
Measurement parameters	DC voltage, AC voltage, DC current, AC current, DC resistance, capacitance, frequency, breakover, diode, temperature				
Display mode	Direct reading, histogram, bar graph, trend chart				
Measurement speed	Up to 1000 times / s				
Math function	Reset function, Min / Max / Average / Standard deviation, dB, dBm				
Common features	Range	Trigger mode	Reading-hold	Limit measurement	
	Auto / Manual	LOCAL: AUTO / SINGLE / EXT REMOTE: IMMEDIATE / BUS / EXT	Yes	HI, Lo and IN (PASS), with sound beep	
Technical Index	Uncertainty: ± (% of reading +% of range), T _{CAL} =25°C				
Parameters	Range / Test Range	Frequency	Highest annual accuracy T _{CAL} ± 5°C		Highest temperature coefficient/°C
			ST1963	ST1963A	

DC voltage	100.0000 mV – 1000.000V				0.0035 +0.0005	0.0075 +0.0005	0.0005 + 0.0001
True RMS ACvoltage	100.000mV – 750.000V			3 – 5Hz	1.00 + 0.03	1.00 + 0.03	0.100 + 0.003
				5 – 10Hz	0.35 + 0.03	0.38 + 0.03	0.035 + 0.003
				10Hz – 20kHz	0.06 + 0.03	0.09 + 0.03	0.005 + 0.003
				20 – 50kHz	0.12 + 0.05	0.15 + 0.05	0.011 + 0.005
				50 – 100 kHz	0.60 + 0.08	0.63 + 0.08	0.060 + 0.008
				100 – 300kHz	4.00 + 0.50	4.00 + 0.50	0.200 + 0.020
DC Resistance	10Ω-100MΩ, Test current:10mA – 500nA				0.010 + 0.001	0.014 + 0.001	0.0006 + 0.0001
DC current	100μA – 10mA			0.050 + 0.006	0.050 + 0.005	0.0020 + 0.0005	
	100mA			0.050 + 0.004	0.050 + 0.004	0.0020 + 0.0005	
	1A			0.100 + 0.004	0.100 + 0.004	0.0050 + 0.0010	
	3A			0.200 + 0.020	0.200 + 0.020	0.0050 + 0.0020	
	10A			0.120 + 0.010	0.120 + 0.010	0.0050 + 0.0010	
AC current	100μA – 100mA		3kHz – 5kHz	1.00 + 0.04	0.10 + 0.04	0.100 + 0.006	
			5kHz – 10kHz	0.10 + 0.04	0.10 + 0.04	0.030 + 0.006	
	1A		3kHz – 5kHz	0.10 + 0.04	0.10 + 0.04	0.015 + 0.006	
			5kHz – 10kHz	0.10 + 0.04	0.10 + 0.04	0.030 + 0.006	
	3A		3Hz – 5kHz	0.23 + 0.04	0.23 + 0.04	0.100 + 0.006	
			5kHz – 10kHz	0.23 + 0.04	0.23 + 0.04	0.030 + 0.006	
	10A		3Hz – 5kHz	0.15 + 0.04	0.15 + 0.04	0.100 + 0.006	
			5kHz – 10kHz	0.15 + 0.04	0.15 + 0.04	0.030 + 0.006	

Frequency	3Hz – 10Hz		0.100		0.100	0.0002
	10Hz – 100Hz		0.030		0.030	0.0002
	100Hz – 1kHz		0.010		0.012	0.0002
	100Hz – 300kHz		0.010		0.012	0.0002
	Square wave		0.010		0.012	0.0002
Diode	5V, Test current: 1mA		0.010 + 0.030			0.0010 + 0.0020
Breakover	1kΩ, Test current: 1mA		0.010 + 0.030			0.0010 + 0.0020
Capacitance	1.0000nF		1.0 + 0.5			0.02
	10.000nF – 1.0000mF		0.5 + 0.1			0.02
	10.000mF		1.0 + 0.5			0.02
Temperature	PT100 (DIN/ IEC 751)		± 0.05°C			
	5 kΩ Thermistor		± 0.10°C			

Standard Accessories

3 cord power line ST26017 USB Cable

ST26036 One pair of test lead (red and black)

ST1963

Rack mount (mm): 215(W) x 88(H) x 300(D)

Dimension (mm): 235(W) x 105(H) x 320(D)

Net weight: 2.7 kg

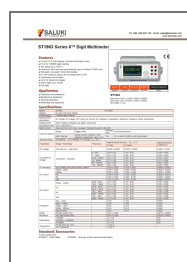
Tel: 886. 909 602 109

Email: sales@salukitec.com

www.salukitec.com



Documents / Resources



[SALUKI TECHNOLOGY ST1963 Series Digit Multimeter](#) [pdf] Owner's Manual
ST1963, ST1963A, ST1963 Series, Digit Multimeter, ST1963 Series Digit Multimeter, Multimeter

References

-  [Saluki | Signal Analyzer | Signal Generator | Network Analyzer | SSPA | Calibration Kit | Electronic Design - SALUKI](#)

Manuals+.