

## LCR Meter

# KPS-SMD520



Electronics



Industry



- SMD component tester
- 6000 counts
- Resistance, capacity and inductance measurements
- Selection of the test voltage between 0.5 Vrms and 0.1 Vrms
- Retention of readings
- Auto scale, auto power off and low battery indication



# KPS-SMD520

## Smart LCR Meter

General	
Product Size	186mm x 35mm x 23.6mm
Product Weight	90g
Power Supply	1x3V CR2450 Battery
Certificate	CE/ETL/RoHS

Specs	
Display Counts	6000
Auto And Manual Ranging	✓
Auto Power Off	✓
Data Hold	✓
Low Battery Display	✓
Auto Scanning	✓

Specs	Test Voltage	Range	Resolution	Accuracy
Resistance	0.5 V RMS	60Ω	0.01Ω	± (2.0% + 10 digits)
		600Ω/6KΩ/60kΩ/600kΩ	0.1Ω/0.001kΩ/0.01kΩ /0.1kΩ	± (1.0% + 5 digits)
		6MΩ/20MΩ	0.001MΩ/0.01MΩ	± (2.0% + 5 digits)
	0.1 V RMS	60Ω	0.01Ω	± (2.0% + 10 digits)
		600Ω/6KΩ/60kΩ/600kΩ	0.1Ω/0.001kΩ/0.01kΩ /0.1kΩ	± (1.5% + 5 digits)
		6MΩ/20MΩ	0.001MΩ/0.01MΩ	± (3.0% + 5 digits)



Dipl.-Ing. Matthias Schniebel  
Pfarrgasse 1  
01920 Elstra  
Germany

Tel.: +49 (35793) 395190  
Fax: +49 (35793) 395191  
Email: info@schniebel.com  
www.schniebel.com

# KPS-SMD520

## Smart LCR Meter

Specs	Test Voltage	Range	Resolution	Accuracy	
Capacitance	0.5 V RMS	600 pF	0.1pF	± (2.0% + 8 digits)	
		6nF/60nF/600nF	0.001nF/0.01nF/0.1nF	± (1.0% + 5 digits)	
		6µF/60µF	0.001µF/0.01µF	± (2.0% + 5 digits)	
		600µF	0.1µF	± (2.0% + 10 digits)	
			6mF	0.001mF	± (2.0% + 5 digits)
	0.1 V RMS	600 pF	0.1pF	± (2.0% + 5 digits)	
		6nF/60nF/600nF/6µF	0.001nF/0.01nF/0.1nF/0.01µF	± (1.5% + 5 digits)	
		60µF/600µF/6mF	0.01µF/0.1µF/0.001mF	± (3.0% + 5 digits)	
Inductance	0.5 V RMS	600µH/6mH	0.1µH/1µH	± (2.0% + 5 digits)	
		60mH/600mH/6H/60H	0.01mH/0.1mH/0.001H/0.01H	± (1.0% + 5 digits)	
		200H	0.1H	± (2.0% + 5 digits)	
	0.1 V RMS	600µH/6mH	0.1µH/1µH	± (3.0% + 5 digits)	
		60mH/600mH/6H	0.01mH/0.1mH/0.001H	± (1.5% + 5 digits)	
		60H	0.01H	± (1.0% + 5 digits)	
		200H	0.1H	± (2.0% + 5 digits)	

### Product Code Information

SKU	KPSSMD520CBINT
EAN code	8435394747415
UPC code	810053670446
Pcs/export carton	80