KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD.

TEL/WhatsApp: +86 17622605414

Mail: admin@transformercoilwindingmachine.com

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KX-IT16B/KX-IT17C LCR Meter



GW-IT16B



GW-IT17C

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Add: Building G, No.209 Zhonghuan East Road, Free Trade Zone (Airport Economic Zone), Tianjin

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Specification：Main technical parameters：

model number		KX-IT16B	KX-IT17C
Test Frequency		50Hz-200kHz 37 frequency points	50Hz,60Hz,100Hz,120Hz,1kHz, 10kHz,20kHz,40kHz, 50kHz,100kHz,total 10 points
test parameter		C.L.X、B、R,G、D,Q,ESR、Rp. θ.|Z|、|YI、P	C,L.X,B.R,G,D,Q,ESR,DCR,TURN.Rp、θ、|ZI、IYI、P
test level		10mV-2Vrms	
Fundamental Accuracy		0.05% accuracy table prevails	
test speed		Fast: 50 times/sec, medium 20 times/sec, slow 6 times/sec (frequencies above 1kHz)	
Display range	|ZI,R,X	0.01MΩ～99.9999MΩ	
	YI.G,B	0.00001μS~99.9999S	
	C	0.00001pF～9.99999F	
	D	0.00001～9.99999	
	DCR	0.01MΩ～99.9999MΩ	
	L	0.00001μH～99999.9H	
	Q	0.01～99999.9	
	θ(RAD)	3.14159~3.14159	
	θ(DEG)	-179.999°~179.999°	
	△%	-99.999%～99.999%	
	Turns-Ratio		1:0.01-100:1
Signal Source Output Impedance		30Ω、100Ω	
Internal DC bias voltage		0V,2V	0V,1.5V、2V
Ranging method		Automatic, Hold	
Trigger mode		Internal, Manual, Auto, External, Bus	
Calibration Function		Open/Short, Full Frequency Zero, Spot Frequency Zero	
Equivalent circuit		Series, Parallel	
Comparator		10-position selector,，BINO～BIN9、NG、AUX	
		PASS、HI、LOW(PASS/FAIL LED display)	
Interfaces		RS232C,UsbHost,USB Device,Handler,GPIB(Option)	
Temperature and Humidity		0℃~40℃,Relative Humidity≤75%.	
Power Requirements		Voltage: 100～120 Vac or 198～242 Vac	
		Frequency: 46～64 Hz, power greater than 50 VA	
Volume(WxHxD)		310mmx115mmx315mm	
Weight(Net)		4.5Kg	

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FEATURES:

1.Highly comparable with international brand LCR bridge test data (Keysight,WK)

2.Keyboard lock function, power-down data protection function

3.List scanning function, open circuit, short circuit, load correction function

4.Simplified Chinese and English operating languages

5.Test data, test conditions saving (USB flash disk or internal)

6.Test voltage, current automatic balance adjustment function (ALC)

7.50 sets of test files inside the instrument and 500 sets of test files on USB flash disk can be recalled at any time

8.U disk can support the format FAT16, FAT32 file system

Brief statement

KX-IT16B/KX-IT17C digital LCR bridge is a new generation of impedance tester with color TFT display screen, its basic accuracy of 0.05%, 50Hz~200kHz frequency range can be used to meet the incoming inspection, shipment inspection, to provide product quality assurance.

Ordering Information

●KX-IT16B:50Hz-200KHz LCR Digital Bridge

●KX-IT17C:50Hz-100KHz LCR digital bridge with lap count function.

PRACTICAL APPLICATION：

TRAINNING CUSTOMER TO OPERATE WINDING MACHNE :

1.All service engineers with 10 years experience are gotten special technolo gy training, who can deal with various breakdown problem.

2.Guide the user to use accurately and how to maintain the product.
Provide free consultation about production process technology of electronic products.

3.In order to guarantee the machine used normally, we'd have training on ho w to operate, use and maintain our product by English manual, video, guiding on line.

PACKAGING:

Packaging Material: Carton/Wooden case with foam inside.

1. General package(Paper carton or plastic bag): For small euipped parts for Toroidal TransformerWindingMachine , Package it with form and pack paper to guarantee unbroke n during the transport.

2.Wooden case package: For larger scale Toroidal Winding machine ,we have special skilled carpenter, who would make the proper wooden case with exact thickness,density,length. The up arrow ↑marked on the outer wooden case. Buffer material would be put in the woo den case to prevent crack and shock.



Below is the name of all listed accessories for the machine and construction diagram.

(Note:Different machines have different equiped parts)

FACTORY：

KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD. has been an expert in winding machine lines for 28 years, with its product range encompassing precision testing equipment such as the KX-IT16B/KX-IT17C LCR Meters—advanced instruments designed for accurate measurement of inductance, capacitance, and resistance in wound components, complementing our winding solutions with robust quality assurance capabilities.

Our KIOXIA LIGHT RING brand holds authoritative certifications and recognitions, including ISO9001:2015, CE approvals, multiple machine patents, and the official designation of "high-tech enterprise" by the government. These credentials validate the reliability and technical excellence of products like the KX-IT16B/KX-IT17C LCR Meters, reinforcing our commitment to providing comprehensive, high-quality solutions for both winding production and component testing.



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