AT826, 825, 824 series handheld Digital LCR electric bridge adopts high performance 32-bit ARM microprocessor. True-color TFT liquid crystal display, keypad and touch screen double control. Using Li- battery supply power. USB communication. Switch in both English and Chinese. AT826, 825 handheld LCR digital meter have the highest configuration. With the highest frequency of 100kHz, constant 100Ω source internal resistance, 0.6Vrms measurement voltage level, and 0.2% accuracy, make AT826, 825 have the excellent performance of both desktop instrument and portability of handheld.

SPECIFICATIONS			
	AT826	**AT825**	**AT824**
Main Parameters	L,C,R,Z		
Sub Parameters	D, Q, θr, θd, X,ESR		
Accuracy	0.2%		
Frequency	100Hz,120Hz,1kHz,10kHz,100kHz	100Hz,120Hz,1kHz, 10kHz	100Hz,120Hz,1kHz
Display Range	L: 0.01μH-9999H C: 0.01pF - 9999μF R,Z: 0.0001Ω-99.99MΩ D: 0.0001 – 9.999 Q: 0.0001 – 999.9 Δ%: -9999% - 9999% θ(deg):-179.99°-179.99° θ(rad) :-3.1416 – 3.1416		
Speed	4 times/second，1.5 times/second		
Source Resistance	100Ω		
Signal Level	0.6Vrms		
Range	Automatic or Manual		
Display Max	Principle Parameter: 49999 Sub Parameter：49999		
Adjustment	Open/short scan frequency correction for each range		
Comparator	1 sets, compare main parameters		
Trigger	Internal		
Interface	Build-in Mini-USB interface（virtual interface） Charging interface		
Others	2.8 inch true-color 16M color TFT-LCD display；touch screen（AT825）;USB communication; compatible SCPI instruction set； switch in both English and Chinese；adjustable back light; automatic power off		
GENERAL FEATURES			
Power Supply (ATL909)	Input：100-240V~50/60Hz 0.35A Output：9V 1A DC		
Battery Parameter	8.4V，Li， 1400mAh rechargeable battery		
Working Time	Highlight 30%≥14 hours， Highlight 50%≥12 hours ， Highlight 100%≥9 hours		
Size	Outside（mm）：90(Width)x190(Height)x31(Depth) 400g		
OREDRING INFORMATION			
Accessories	ATL501C four-terminal Kelvin test clip ATL909 DC adapter ATL805 Li-battery • ATL105Mini-USB Communication cable • ATS826 data acquisition software		