



# WME-ET43 Series Handheld Bridge Introduction

## Product description:

WME-ET43 series handheld bridge features 2.8" TFT display screen, easy key operation and USB communication. Its high capacity lithium battery ensures long run. It can measure comprehensive parameters, and supports for screening and deviation measurement, with continuously adjustable output frequency. The basic accuracy reaches 0.2%/0.3%



## Product features:

- ✧ Measurable frequency up to 100k Hz, continuously adjustable at a step of 1 Hz.
- ✧ Measurement of DC resistance and electrolytic capacitor supported
- ✧ Internal bias voltage output (0 mV-500 mV)
- ✧ Automatic identification of measured component
- ✧ Support for screening and deviation measurement
- ✧ 2.8" TFT display screen, a 4 1/2 digit display
- ✧ USB communication interface
- ✧ Basic measuring accuracy 0.2%, adjustable measuring speed
- ✧ Manual and automatic range
- ✧ Open circuit and short circuit calibration
- ✧ Multiple testing ports

**Main technical indexes:**

Model	WME-ET430	WME-ET431	WME-ET432	WME-ET433
Testing frequency	100Hz, 120Hz, 1KHz, 10KHz, 40kHz, 100KHz	100Hz, 120Hz, 1KHz, 10KHz	100Hz, 120Hz, 1KHz, 10KHz, 40kHz, 100KHz	100Hz-100KHz Continuously adjustable, a step of 1 Hz
Basic accuracy	0.3%	0.2%	0.2%	0.2%
Display screen	2.8" TFT LCD screen			
Number of display digits	Principal parameter: 5 digit Secondary parameter: 5 digit			
Measured parameter:	Principal parameter: L/C/R/Z Secondary parameter: X/D/Q/θ/ESR			
Electrolytic capacitor mode	√	√	√	√
DCR mode	×	√	√	√
Measurement range	L: 0.000μH~2000H, C: 0.000pF~20.000mF, R: 0.0001 Ω ~20.000M Ω			
Measuring display speed	1 time/s (slow), 2 times/s (medium), 4 time/s (fast)			
Internal bias	×	0-500mV adjustable, at a step of 1mV.		
Testing level	300mVrms、600mVrms	100mVrms, 300mVrms, 600mVrms, 1Vrms		10mV-1100mV adjustable
Calibration function	Open circuit calibration, short circuit calibration			
Screening function	The limit range of screening can be set to 1%-50%, and the fixed points are 1%, 5%, 10% and 20%.			
Deviation measurement	Used for comparing and displaying deviation percentage of component and the set nominal value			
Others	Adjustment of backlight brightness, Chinese and English are optional, USB device and automatic power-off time			
Accessories				
Standard configuration	1. Mini-USB cable;                      2. Power adapter;                      3. Short circuit bar; 4. Red and black rubber plug;                      5. High capacity lithium battery			
	/	Kelvin clips		
Optional configuration	Kelvin clips SMD clips	SMD clips		