





model

885, 886
100Hz, 120Hz, 1kHz, 10kHz, 100KHz(model 886 only)
±0.1%
IVrms, 0.25Vrms, 0.05Vrms, IVdc (for DCR)
±5%
100Ω, ±5%

Measurement Range

10KHz

100KHz

(Z):	Frequency	Max.	Min.	Best Resolution
_	DCR	20ΜΩ	0.1Ω	0.001
ည	100Hz	$20 M\Omega$	0.1Ω	0.001
dal	120Hz	$20M\Omega$	0.1Ω	0.001
mpedance	1KHz	$20M\Omega$	0.1Ω	0.001
Ξ	10KHz	$20M\Omega$	0.1Ω	0.001
	100KHz	20ΜΩ	0.1Ω	0.001
(C):	Frequency	Max.	Min.	Best Resolution
Sapacitance	100Hz	15.92m <i>f</i>	79.57p <i>f</i>	0.001
ita	120Hz	13.26m <i>f</i>	66.31p <i>f</i>	0.001
Sac	1KHz	1592µ <i>f</i>	7.957p <i>f</i>	0.001
Cal	10KHz	159.2μ <i>f</i>	0.795p <i>f</i>	0.001
	100KHz	15.92µ <i>f</i>	0.795pf	0.001
<u>::</u>	Frequency	Max.	Min.	Best Resolution
	100Hz	9999H	159.2µH	0.001
ıctance	120Hz	9999H	132.6µH	0.001
St	1KHz	3183H	15.92µH	0.001

GENERAL 32° to 104°F (0° to 40°C) Operating Temperature -4° to 158°F (-20° to 70°C) Storage Temperature Relative Humidity up to 85% Battery Type Ni-MH or Alkaline (2 x AA size) Battery Charge Constant current 150mA approximately Battery Operating Life 2.5 hours typical 110V/220V AC, 60/50Hz with proper adapter AC Operation Low Power Warning under 2.2V 6.9 x 3.4 x 1.9" (175 x 86 x 48mm) Dimensions (LxWxH) 1.1 lbs (470g) Weight

318.3H

31.83H

1.592µH

0.1<u>59µH</u>

20ΜΩ	10ΜΩ	IMΩ	100kΩ	10Ω	IΩ
~10MΩ	~IMΩ	~100kΩ	~10Ω	~IΩ	~0.1Ω
2% ±1	1% ±1				
		0.5% ±1	0.2% ±1	0.5% ± I	1% ±1
5%±1	2%±1				
NA	5%±1	2%±1	0.4%±1	2%±1	5%±1
	$\sim 10M\Omega$ $2\% \pm 1$ $5\% \pm 1$	\sim 10MΩ \sim 1MΩ \sim 1 1% ±1 \sim 1 5%±1 \sim 2%±1	\sim 10MΩ \sim 1MΩ \sim 100kΩ \sim 10kΩ \sim 10k	\sim 10MΩ \sim 1MΩ \sim 100kΩ \sim 10Ω \sim 1	\sim 10MΩ \sim 1MΩ \sim 100kΩ \sim 10Ω \sim 1Ω \sim

Accessories

Two Year Warranty

0.001

0.001

SUPPLIED:	Instruction Manual, SMD Probe,
	Rechargeable Battery AC Adapte

OPTIONAL: TL-885B 4-wire test leads TL-08C 4-wire Kelvin test leads LC-29B Carrying Case



SMD Probe (included)

Models 885 and 886

Synthesized In-Circuit LCR/ESR Meter

The Model 885 and 886 Synthesized In-Circuit LCR/ESR Meters are the first handheld meter of this type on the market, with a wide range of test frequencies up to 10 kHz for model 885 and 100KHz for model 886 many measurement parameters including Z, L, C, DCR, ESR, D, Q, and Ø as well. The 885 and 886 are designed for both component evaluation on the production line and fundamental impedance testing for bench-top applications. With a built-in direct test fixture, you can test the lead components very easily. The optional 4-wire test clip can give a convenient connection to larger components and assemblies with the accuracy of 4-wire testing. The LCR meters offer fast, reliable, and versatile testing at low cost, making the 885 and 886 the most advanced handheld LCR meters available on the market today.

- Measurement parameters: Z, L, C, DCR, ESR, D, Q, and Ø
- Test conditions: 100Hz, 120Hz, 1kHz, 10kHz, 100KHz(model 886 only), IVrms, 0.25Vrms, 0.05Vrms
- 0.5% basic accuracy
- Dual LCD display
- **SMD Surface Mount Tweezer Probe included**
- Very quick response, user friendly
- Fully auto/manual selection
- **DC** resistance measurement
- Rechargeable battery / AC powered
- Infrared RS-232 interface capability

Software Features:

- Go-No Go testing (component sorting)
- Remote bin (component grading)
- **■** Remote operation

