

## Merenje komponenti

### LCR(Z) merenje (Laboratorijska upotreba)

	<b>IM3523</b>	DC, 40Hz do 200kHz, 14 mernih stavki, komparator, GP-IB, RS-232C, ili LAN opcije Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5790">https://www.hioki.com/en/products/detail/?product_key=5790</a>
	<b>IM3533</b>	1mHz do 200kHz, 14 mernih stavki, komparator, GP-IB, RS-232C, ili LAN opcije Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5832">https://www.hioki.com/en/products/detail/?product_key=5832</a>
	<b>IM3533-01</b>	1mHz do 200kHz, 14 mernih stavki, komparator, GP-IB, RS-232C, ili LAN opcije, Sweep testiranje Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5832">https://www.hioki.com/en/products/detail/?product_key=5832</a>
	<b>IM3570</b>	4Hz do 5MHz, 15 mernih stavki, LCR, DCR i sweep, komparator, EXT I/O, RS-232C, GP-IB, USB, i LAN Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5539">https://www.hioki.com/en/products/detail/?product_key=5539</a>
	<b>IM3590</b>	1mHz do 200kHz, 18 mernih stavki, LCR, Cole-Cole nacrt, sweep, komparator, EXT I/O, USB, i RS-232C, GP-IB, ili LAN Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5749">https://www.hioki.com/en/products/detail/?product_key=5749</a>

## Instrumenti za LCR(Z) merenje (upotreba na proizvodnim linijama) ...

	<b>3511-50</b>	120Hz/1kHz, 7 mernih stavki, komparator, RS-232C uključen, GP-IB opcija Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5764">https://www.hioki.com/en/products/detail/?product_key=5764</a>
	<b>IM3523</b>	DC, 40Hz do 200kHz, 14 mernih stavki, komparator, GP-IB, RS-232C, ili LAN opcije Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5790">https://www.hioki.com/en/products/detail/?product_key=5790</a>
	<b>IM3533</b>	1mHz do 200kHz, 14 mernih stavki, komparator, GP-IB, RS-232C, ili LAN opcije Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5832">https://www.hioki.com/en/products/detail/?product_key=5832</a>
	<b>IM3533-01</b>	1mHz do 200kHz, 14 mernih stavki, komparator, GP-IB, RS-232C, ili LAN opcije, Sweep testiranje Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5832">https://www.hioki.com/en/products/detail/?product_key=5832</a>
	<b>IM3570</b>	4Hz do 5MHz, 15 mernih stavki, LCR, DCR i sweep, komparator, EXT I/O, RS-232C, GP-IB, USB, i LAN Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5539">https://www.hioki.com/en/products/detail/?product_key=5539</a>



IM3590

1mHz do 200kHz, 18 mernih stavki, LCR, Cole-Cole nacr, sweep, komparator, EXT I/O, USB, i RS-232C, GP-IB, ili LAN

Više na: [https://www.hioki.com/en/products/detail/?product\\_key=5749](https://www.hioki.com/en/products/detail/?product_key=5749)

## Analizatori impedanse za LCR testiranje u istraživanju i razvoju sa opsezima 300MHz do 3GHz



### ANALIZATOR IMPEDANSE IM7580A

- $|Z|$ , L, C, R testiranje
- 1 MHz do 300 MHz izvorna test frekvencija
- Maksimum test brzina od 0.5 ms
- Meri LCR i simultano izvodi frekvencijska prebrisavanja
- Koristi se i pri testiranju tokom proizvodnje komponenti

Više na: [http://www.hioki.com/products/lcr\\_resistance\\_signal/lcr\\_resistance\\_meters/1500](http://www.hioki.com/products/lcr_resistance_signal/lcr_resistance_meters/1500)



### ANALIZATOR IMPEDANSE IM7581

- $|Z|$ , L, C, R testiranje
- 100 kHz do 300 MHz izvorna test frekvencija
- Maksimum test brzina od 0.5 ms
- Meri LCR i simultano izvodi frekvencijska prebrisavanja
- Promenljivost merene vrednosti: 0,07%

Više na:

[https://www.hioki.com/en/products/detail/?product\\_key=6319](https://www.hioki.com/en/products/detail/?product_key=6319)



### ANALIZATORI IMPEDANSE IM7583 i IM7535

- Osnovna tačnost: Z: +/-0.65% rdg. theta: +/-0.38deg. (reprezentativne vrednosti)
- Merno vreme: Kratko poput 0.5 ms (analogno merenje )
- Merni opseg: 100 mOhm do 5kOhm
- Merne frekvencije: IM7583: 1 MHz do 600 MHz / IM7585: 1 MHz do 1.3 GHz
- Nivo mernog signala: -40.0 dBm do +1.0 dBm (4 mV do 502 mV)

Više na: [https://www.hioki.com/en/products/detail/?product\\_key=5678](https://www.hioki.com/en/products/detail/?product_key=5678)

[https://www.hioki.com/en/products/detail/?product\\_key=5631](https://www.hioki.com/en/products/detail/?product_key=5631)



### ANALIZATOR IMPEDANSE IM7587

- $|Z|$ , L, C, R testiranje
- Merno vreme: 0.5 ms
- Merne frekvencije: 1 MHz do 3 GHz
- Meri LRC i sprovodi frekvencijsko prebrisavanje simultano

Više na:

[https://www.hioki.com/en/products/detail/?product\\_key=6386](https://www.hioki.com/en/products/detail/?product_key=6386)

## Instrumenti za merenje kapacitvnosti...

	<b>3504-40</b>	C i D testiranje, 0.9400 pF do 20.0000 mF, 120Hz i 1kHz frekvencija izvora, 2ms merenje visoke brzine Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5581">https://www.hioki.com/en/products/detail/?product_key=5581</a>
	<b>3504-50</b>	C i D testiranje, 0.9400 pF do 20.0000 mF, 120Hz i 1kHz frekvencija izvora, 2ms merenje visoke brzine, GP-IB Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5581">https://www.hioki.com/en/products/detail/?product_key=5581</a>
	<b>3504-60</b>	C i D testiranje, 0.9400 pF do 20.0000 mF, 120Hz i 1kHz frekvencija izvora, 2ms merenje visoke brzine, provera kontakta, GP-IB Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5581">https://www.hioki.com/en/products/detail/?product_key=5581</a>
	<b>3506-10</b>	C i D testiranje, 0.001 fF do 15.0000 $\mu$ F, 1kHz i 1MHz frekvencija izvora, 1.5 ms merenje visoke brzine, provera kontakta, GP-IB Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5596">https://www.hioki.com/en/products/detail/?product_key=5596</a>

## Instrumenti za merenje otpornosti sa DC strujom...

	<b>3239</b>	DMM visoke brzine, True RMS, 199999 brojanja, 4-terminalna otpornost funkcija Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5710">https://www.hioki.com/en/products/detail/?product_key=5710</a>
	<b>RM3542</b>	100 mΩ do 100MΩ opseg, 100 mA DC test struja, ±0.006 % rdg. najbolja preciznost Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5629">https://www.hioki.com/en/products/detail/?product_key=5629</a>
	<b>RM3542A</b>	Merač otpornosti visoke brzine i stabilnosti, 100 mΩ do 100MΩ opseg, 100 mA DC test struja, ±0.006 % rdg. najbolja preciznost Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=6364">https://www.hioki.com/en/products/detail/?product_key=6364</a>
	<b>RM3543</b>	10 mΩ do 1000Ω opseg, 100 mA DC test struja, ±0.16% preciznost i 0.01μΩ rezolucija Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5666">https://www.hioki.com/en/products/detail/?product_key=5666</a>
	<b>RM3544</b>	30 mΩ do 3MΩ opseg, 300mA do 500nA DC test struja, ±0.020 % rdg. najbolja preciznost Više na: <a href="https://www.hioki.com/en/products/detail/?product_key=5765">https://www.hioki.com/en/products/detail/?product_key=5765</a>



**RM3544-01**

30 mΩ do 3MΩ opseg, 300mA do 500nA DC test struja, ±0.020 % rdg. najbolja preciznost, sa RS232C ili USB interfejsom

Više na: [https://www.hioki.com/en/products/detail/?product\\_key=5765](https://www.hioki.com/en/products/detail/?product_key=5765)



**RM3548**

3 mΩ do 3MΩ opseg, 1A do 500nA DC test struja, ±0.020 % rdg. najbolja preciznost

Više na: [https://www.hioki.com/en/products/detail/?product\\_key=5594](https://www.hioki.com/en/products/detail/?product_key=5594)



**RM3545**

10 mΩ do 100MΩ opseg, 1A maksimalna DC test struja, ±0.006 % rdg. najbolja preciznost

Više na: [https://www.hioki.com/en/products/detail/?product\\_key=5643](https://www.hioki.com/en/products/detail/?product_key=5643)

## Instrumenti za merenje malih otpornosti sa AC strujom...



**3561**

310.00 mOma i 3.1000 oma opsezi, 1kHz testing izvor, maksimalno 7ms/uzorku, komparator, RS-232C, GP-IB (opcija)

Više na: [https://www.hioki.com/en/products/detail/?product\\_key=5644](https://www.hioki.com/en/products/detail/?product_key=5644)

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