

# 100KHz Digital LCR Meter (VE2821U)

**VASAVI**

Pioneer In Test Automation



## Brief Introduction :

VE2821U is a 100KHz LCR Meter, newly developed component measurement instrument providing high performance . It is perfect combination of general LCR Meter and Hi-Performance LCR Meter with high accuracy. The meter provides measurement speed upto 20Mes/Sec, with 5 test frequency steps from 100Hz to 100KHz, 4 Test Voltage, 5 Digit Display resolution. It can be used in R&D, QC, IQC and production.

## Features :

- 5 Digit Resolution
- Test Frequency : 100Hz ~ 100KHz (100, 120, 1K, 10K, 100KHz )
- Test Signal Levels : 0.1V , 0.3V, 1V, 2Vrms
- Test Parameters : L / C / Rac / D / Q
- Equivalent Circuit : Series , Parallel
- Ranging Mode : Auto , Hold
- Trigger Mode : INT / MAN
- Output Impedance : 100 Ohm
- Test Speed : Fast and Slow
- Measurement Speed : 20Mes. / Sec.
- Bin Sorting : NG, P1, P2, P3

## Optional Accessories :

- 4Terminal Kelvin Test Probe.
- SMD Test Tweezer.

## Specification :

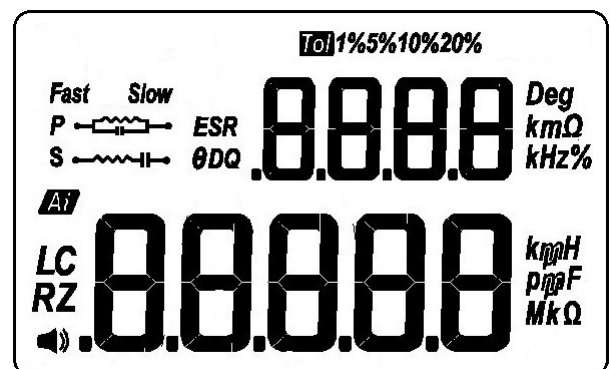
### Measurement display range

- |Z|, Rac, X : 0.0001 ~ 99.999MOhms
- C : 0.001pF ~ 99999μF
- L : 0.001μH ~ 99999H
- D : 0.0001 ~ 9.9999
- Q : 0.0001 ~ 999.99

Power Supply : 198Vac ~ 242Vac ; 47.5Hz ~ 63Hz

Measurement Accuracy\* (L,C,Rac,Z) : ± 0.2%

## Display :



**VASAVI ELECTRONICS**

No. 95, Road No.6A, Jyothi Colony, SECUNDERABAD - 500 015, (T.S), INDIA

Tel : +91 - 40 - 27744445 ; Web : www.vasavi.co.in / www.vasavi.com ; E-mail : vasavielectronics@gmail.com / vasavi@vasavi.com