

# 10KHz Digital LCR Meter (VE2820U)



Pioneer In Test Automation



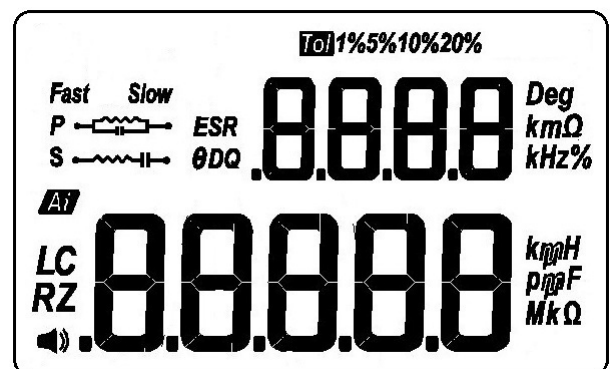
## Brief Introduction :

VE2820U is a 10KHz 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 4 test frequency steps from 100Hz to 10KHz, 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 ~ 10KHz (100, 120, 1K, 10KHz )
- Test Signal Levels : 0.1V , 0.3V, 1Vrms
- Primary Test Parameters : L / C / Rac / Z
- Secondary test parameters : D / Q / ESR
- 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.

## Display :



## 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 ~ 9.999
- Q : 0.0001 ~ 9999
- ESR : 0.0001 ~ 999.99 Ohm

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

**Measurement Accuracy\* (L,C,Rac,Z) : ± 0.3%**

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