

**AN7931X(F)**

Three Phase Electrical Parameter Comprehensive Meter

Main Features:

- 12 digits AD sampling, improves precision of electrical parameters
- Adopting ARM and 32 digits ADUC7027 micro-processor
- Short interval break of waveform sampling, data computing interval shortened to 0.9s
- With voltage and current ratio setting function, easy to expand measurement range
- Test wires setting function, able to switching over between tests of 3-phase, 3-wire and 3-phase, 4-wire
- With function of switching between electric power and electric potential, able to fulfill small power electric power cumulation
- Total power transfinite alarm function
- Test items: voltage, current, power, power factor, frequency, electric power and electric power time
- Providing RS 232 communication (RS 485 communication for optional), able to communicate with host computer

Model	AN7931X (F)
Voltage Measurement Range	00.0~600.0V
Voltage Measurement Accuracy	± (0.3% of reading+0.2% of range)
Current Measurement Range	0.030~5.000A~40.00A
Current Measurement Accuracy	± (0.3% of reading+0.2% of range)
Single Phase Measurement Power	2.0W~999.9W~24.000kW
Power Measurement Precision	$\cos \Phi \geq 0.2$, ± (0.3% of reading+0.2% of range) $\cos \Phi < 0.2$, ± (0.5% of reading+0.25% of range)
Power Factor	± 0.02
Electric Energy Measurement	0~999999.99kWh
Electric Energy Measurement Accuracy	± 1% (Accumulative total >1.0000kWh)
Frequency Measurement Range	45.00~65.00Hz
Frequency Measurement Accuracy	± (0.2% of reading+1count)
Dimension (W×H×D) (mm)	320×113×435
Weight	7 kg