

WSP53180

Features

- .High accurate frequency counter, 10 digits/s resolution
- .Apply high performance AVR CPU, LSI and CPLD device high reliability
- .Single time interval and single pulse width measurement
- .Automatic extreme calculate and mathematical statistics for frequency measurement, include mean, maximum, minimum, delta, absolute deviation, relative deviatio(PPM), stand deviation, Allan variance
- .Average measurement function for the accuracy increasing of time interval, pulse width, phase, duty cycle
- .Set time gate totalizing and manual operation totalizing
- .Current value automatically stored, zero data loss
- .Save up to 9 different measurement setups
- .USB, RS232 and centronics printer interface
- .Upper computer software
- .VFD display, appearance graceful, compact, and operation comfortable



WSP53180

Technical Data	WSP53180
Function	Measurement: frequency, period, frequency ratio Analyse: extreme calculate, mean, maximum, minimum, delta, absolute deviation, relative deviatio(PPM), stand deviation, Allan variance
Measure frequency range	0.001Hz~225MHz (CHA), DC~225MHz (military)
Channel B & Channel C	200MHz~1.5GHz(WSP53180 I) 200MHz~3GHz(WSP53180 II) 200MHz~6GHz(WSP53180 III) 200MHz~9GHz (WSP53180 IV) 200MHz~12.4GHz(WSP53180 V) 200MHz~16GHz (WSP53180 VI)
Input voltage	40mVrms ~ ±5Vrms+dc
Period range	20ns/10ns ~ 7000s
Frequency resolution	10 digits/s
Couple mode	Channel A: AC / DC Channel B, C: AC
Input impedance	1M Ω / 45pF or 50 Ω
LPF	100kHz
Attenuator	x1, x10
Time base stability	5MHz, $\leq 1 \times 10^{-8}$ /d, external time base 5MHz or 10MHz auto switching
Power supply	110 ~ 127VAC $\pm 10\%$ /220 ~ 240VAC $\pm 10\%$, 50Hz ± 2 Hz/60Hz ± 2 Hz
Dimensions (W×H×D)	255 × 100 × 370mm
Weight	2.5 kg